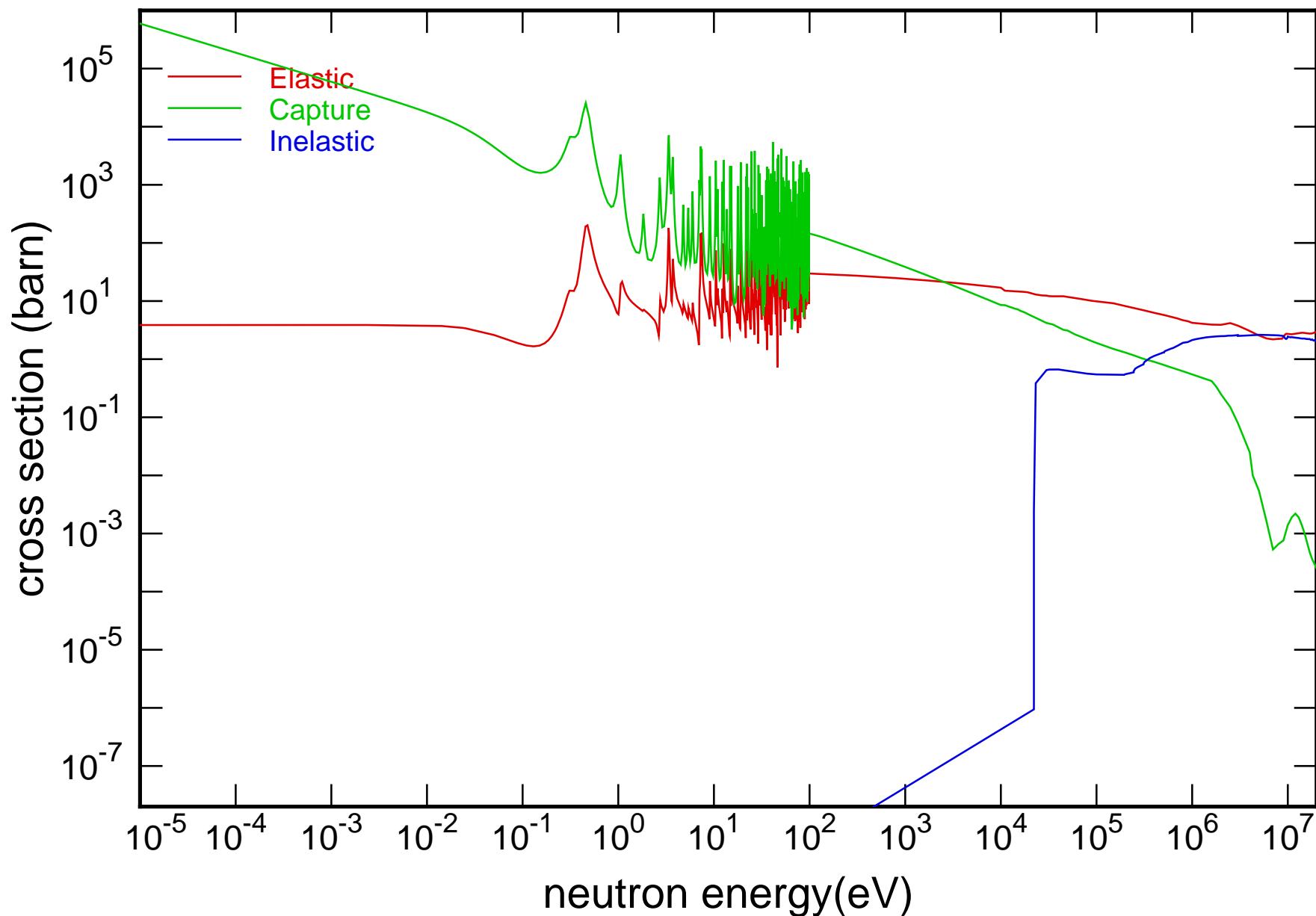
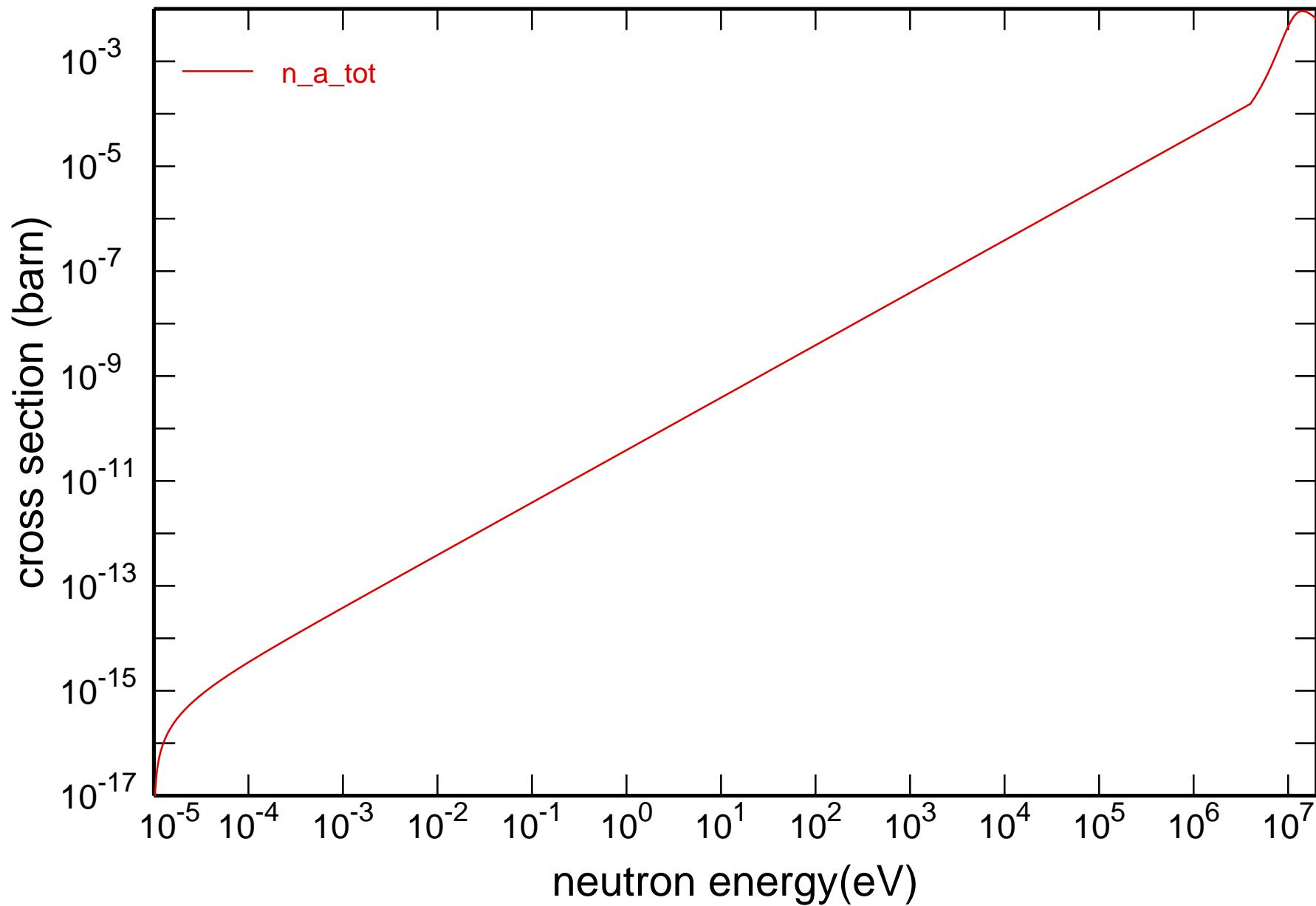


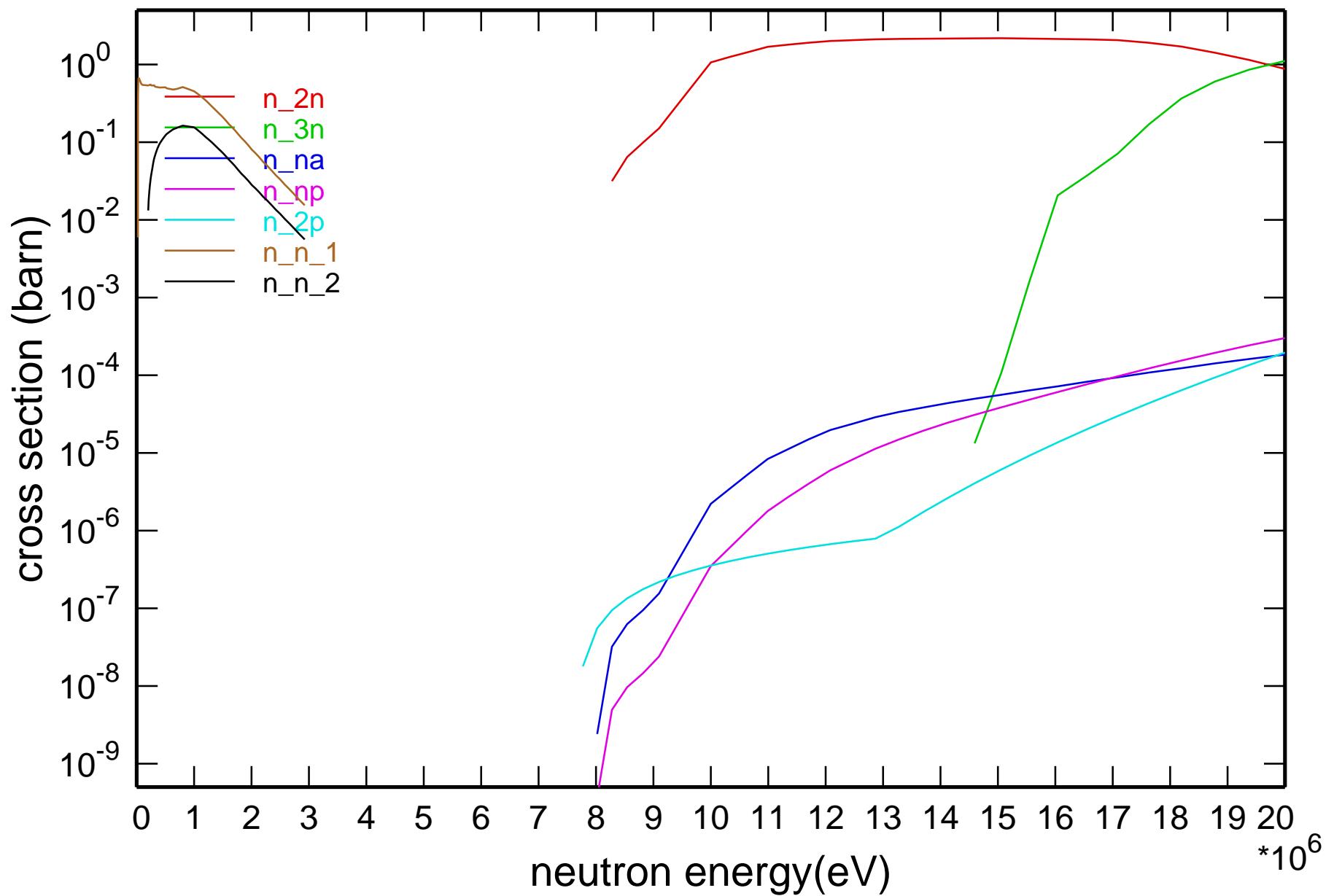
Main Cross Sections



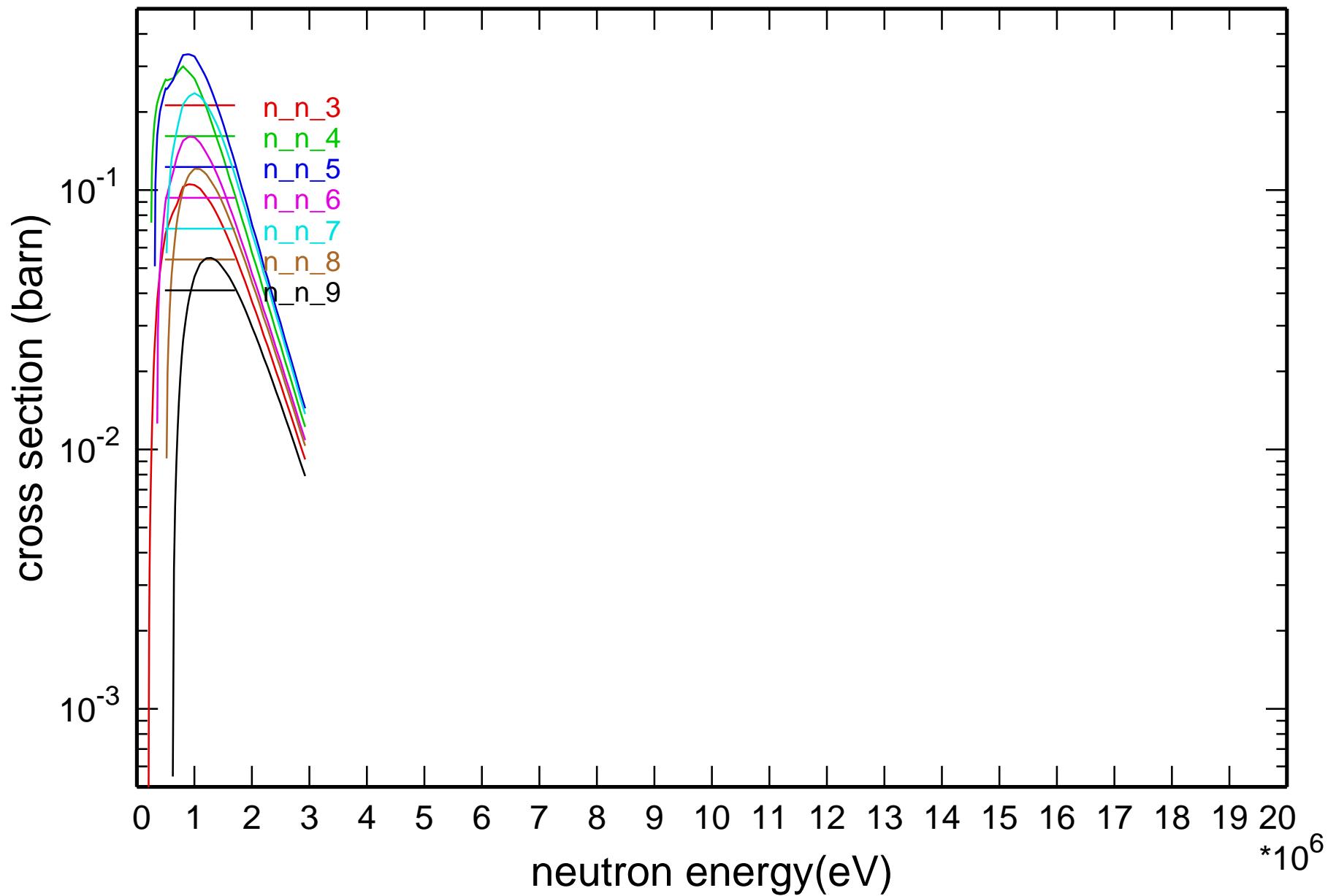
Cross Section



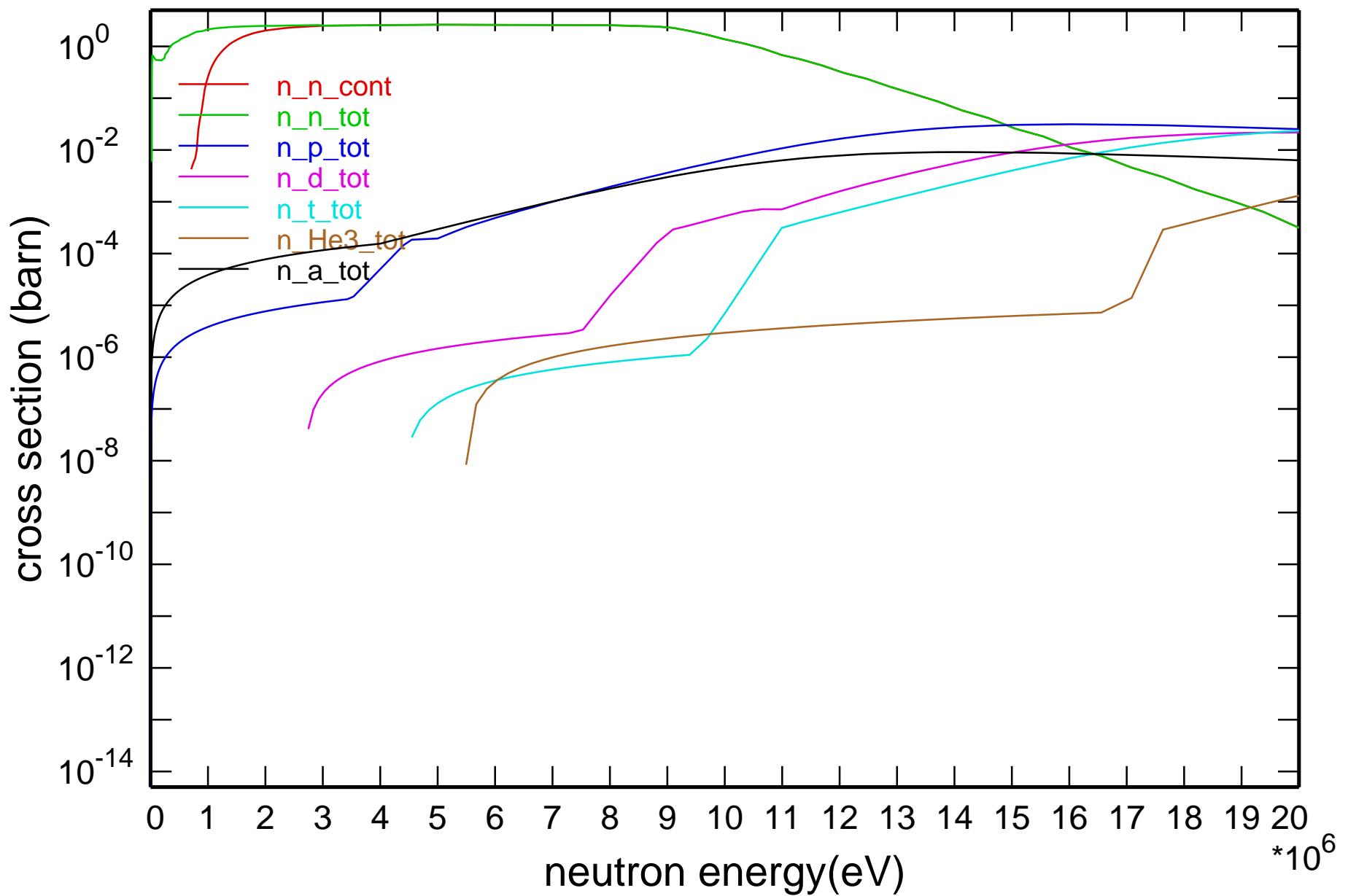
Cross Section

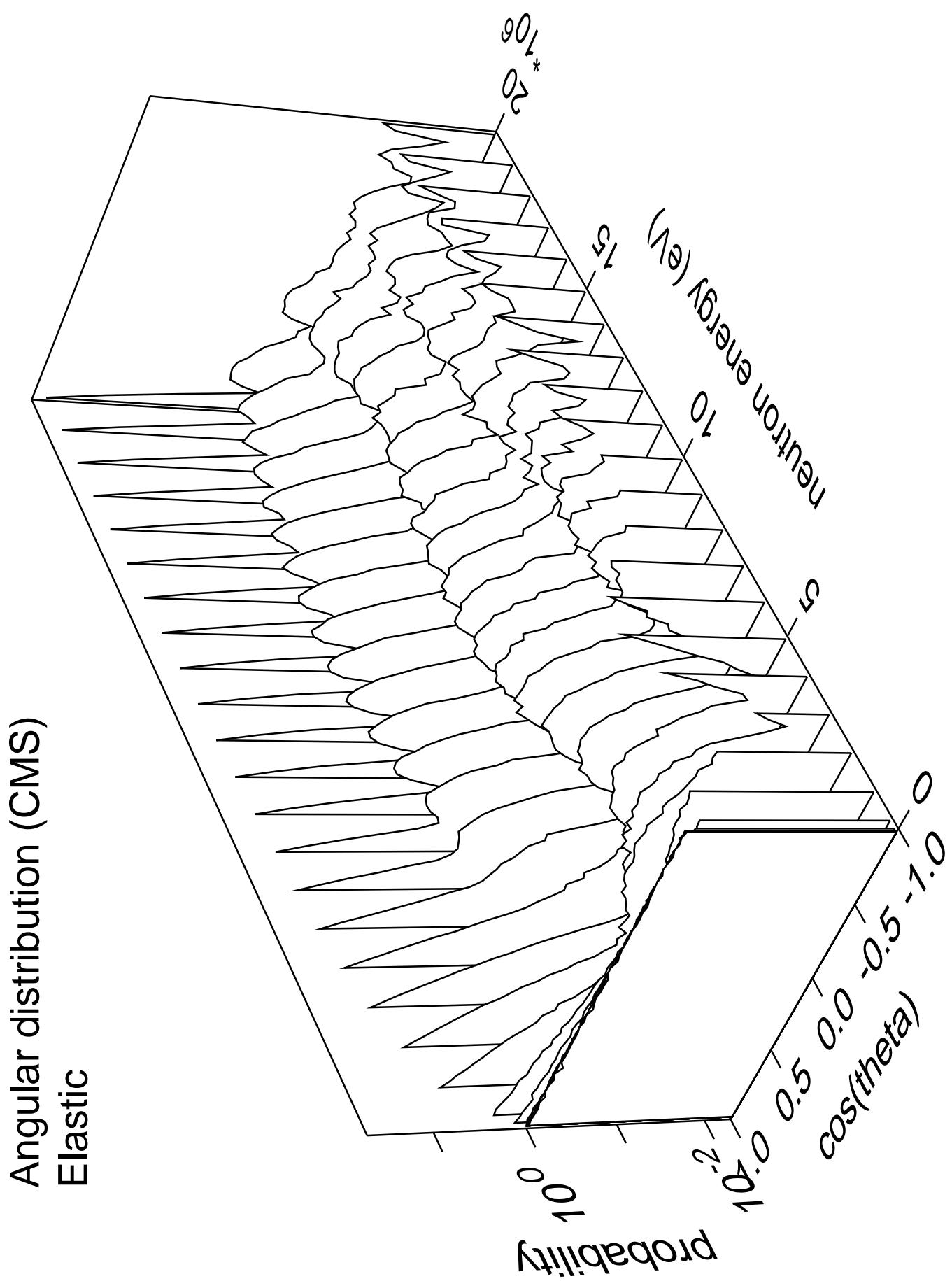


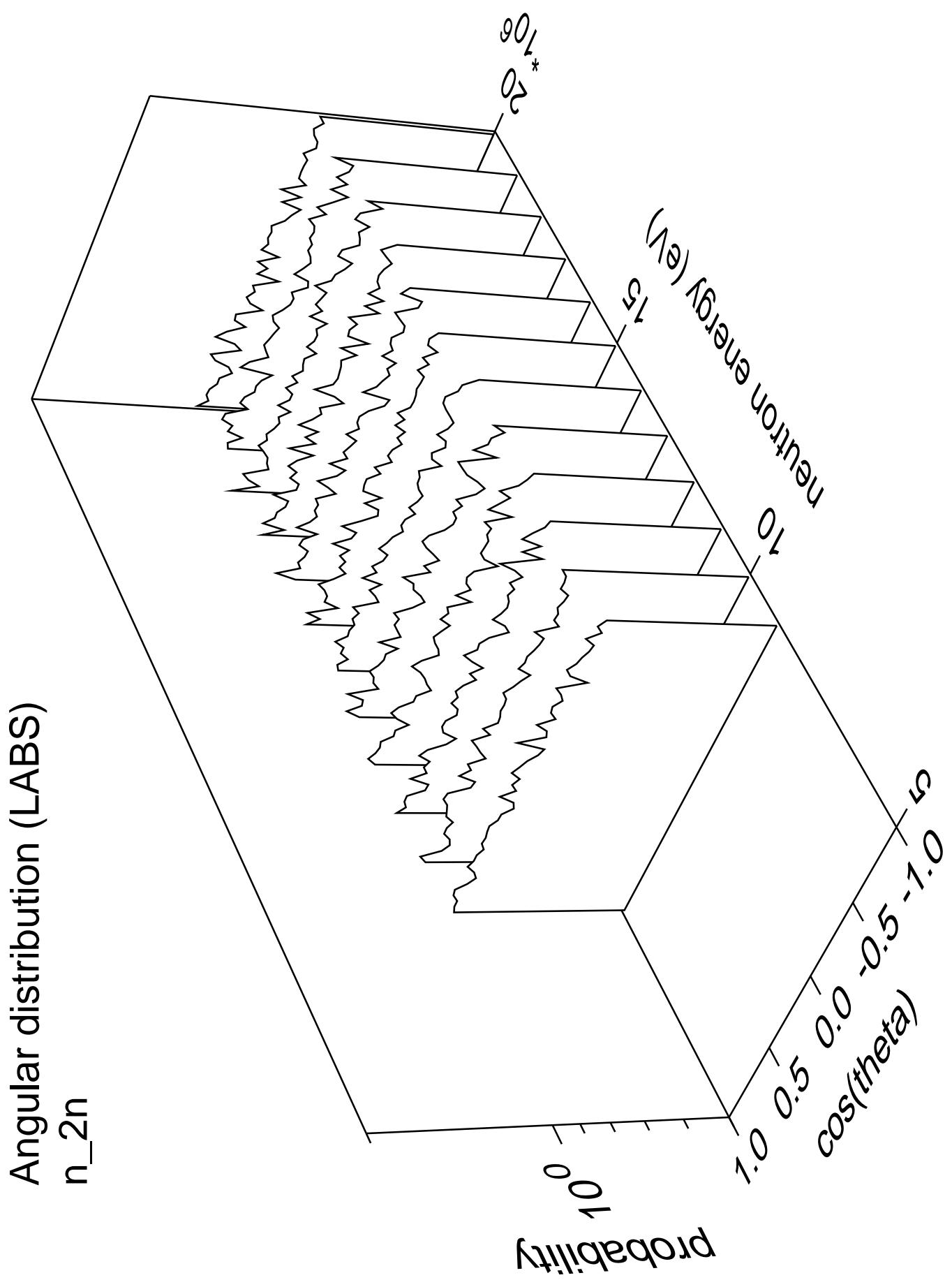
Cross Section



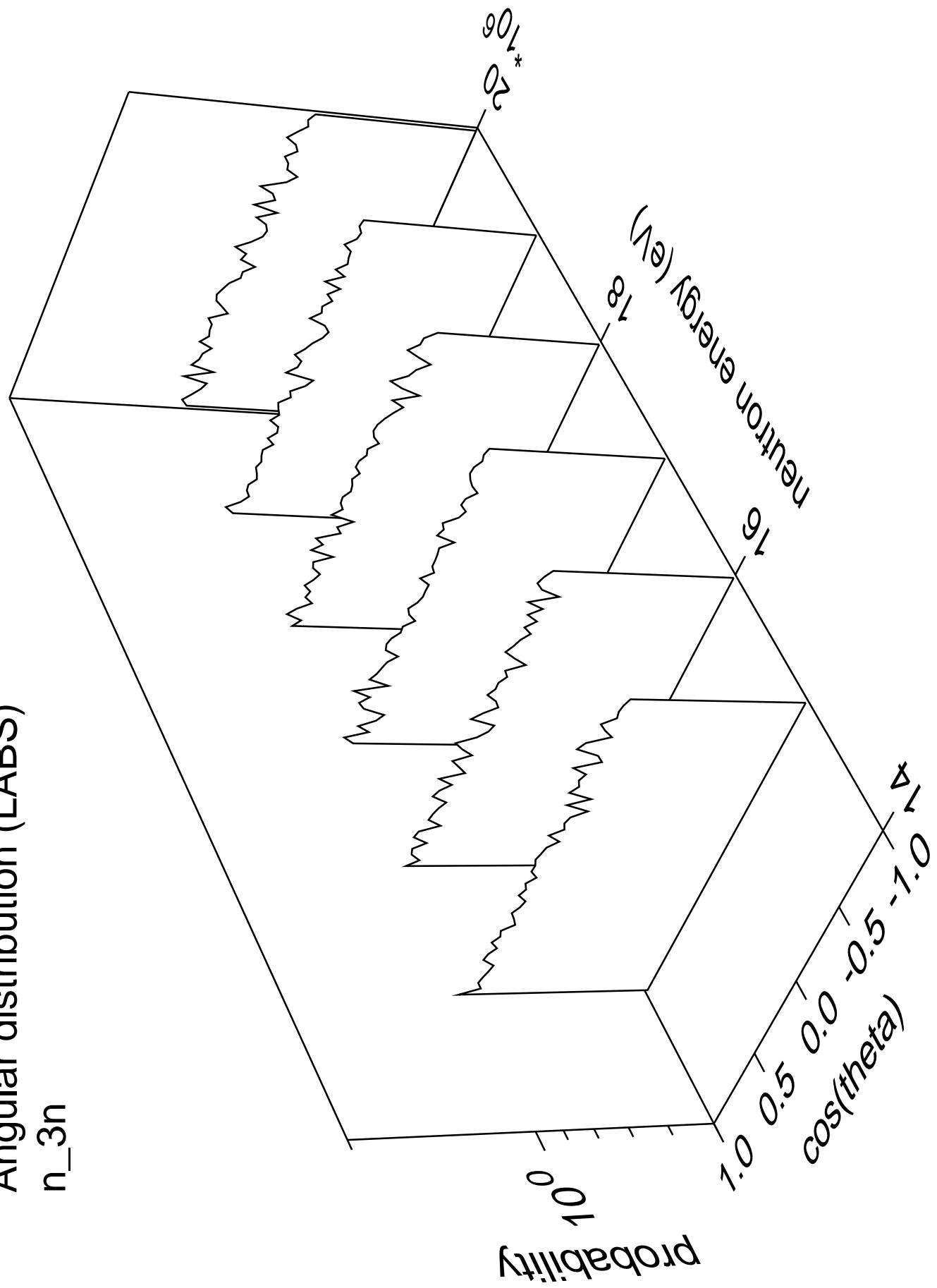
Cross Section

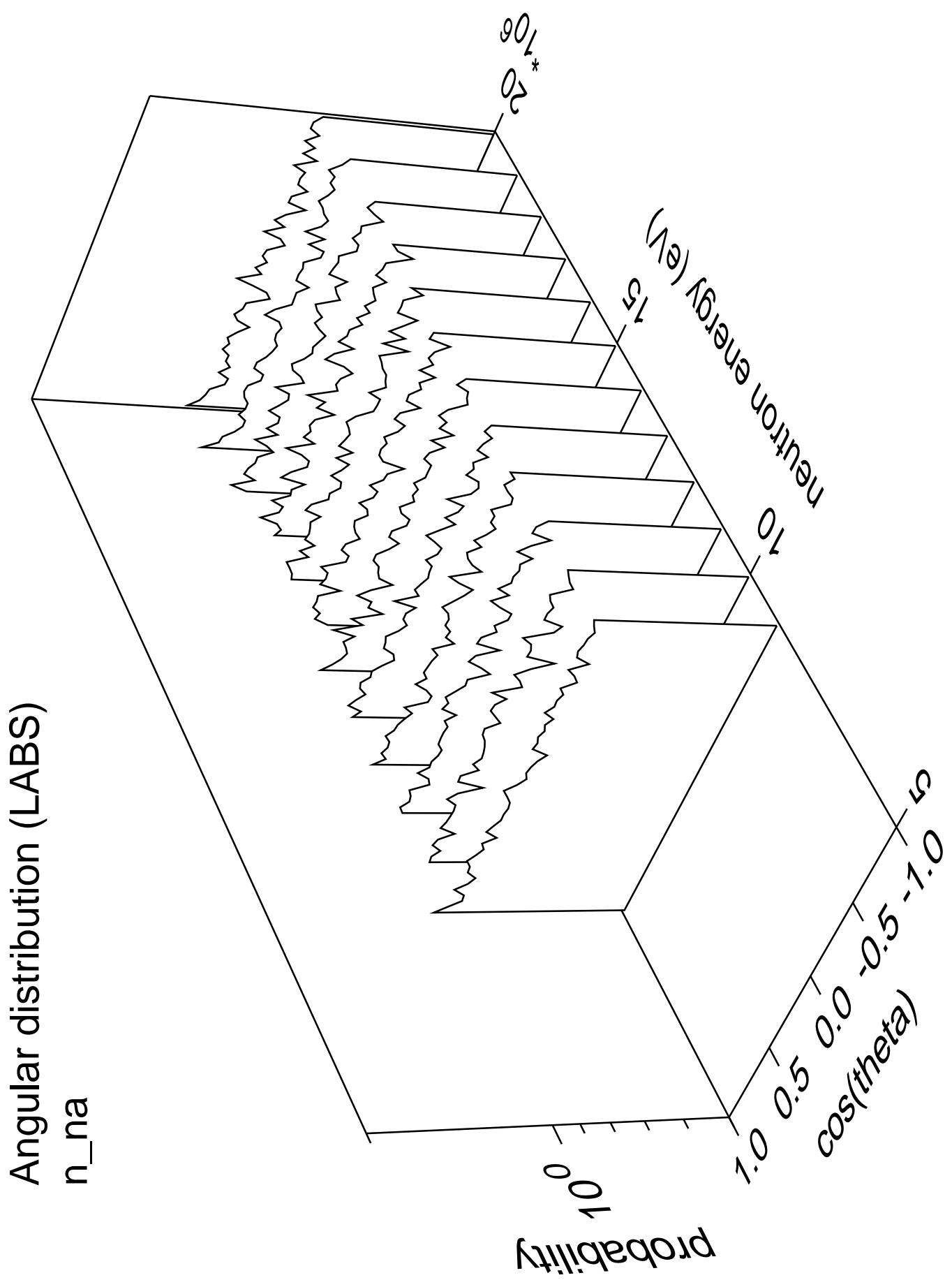


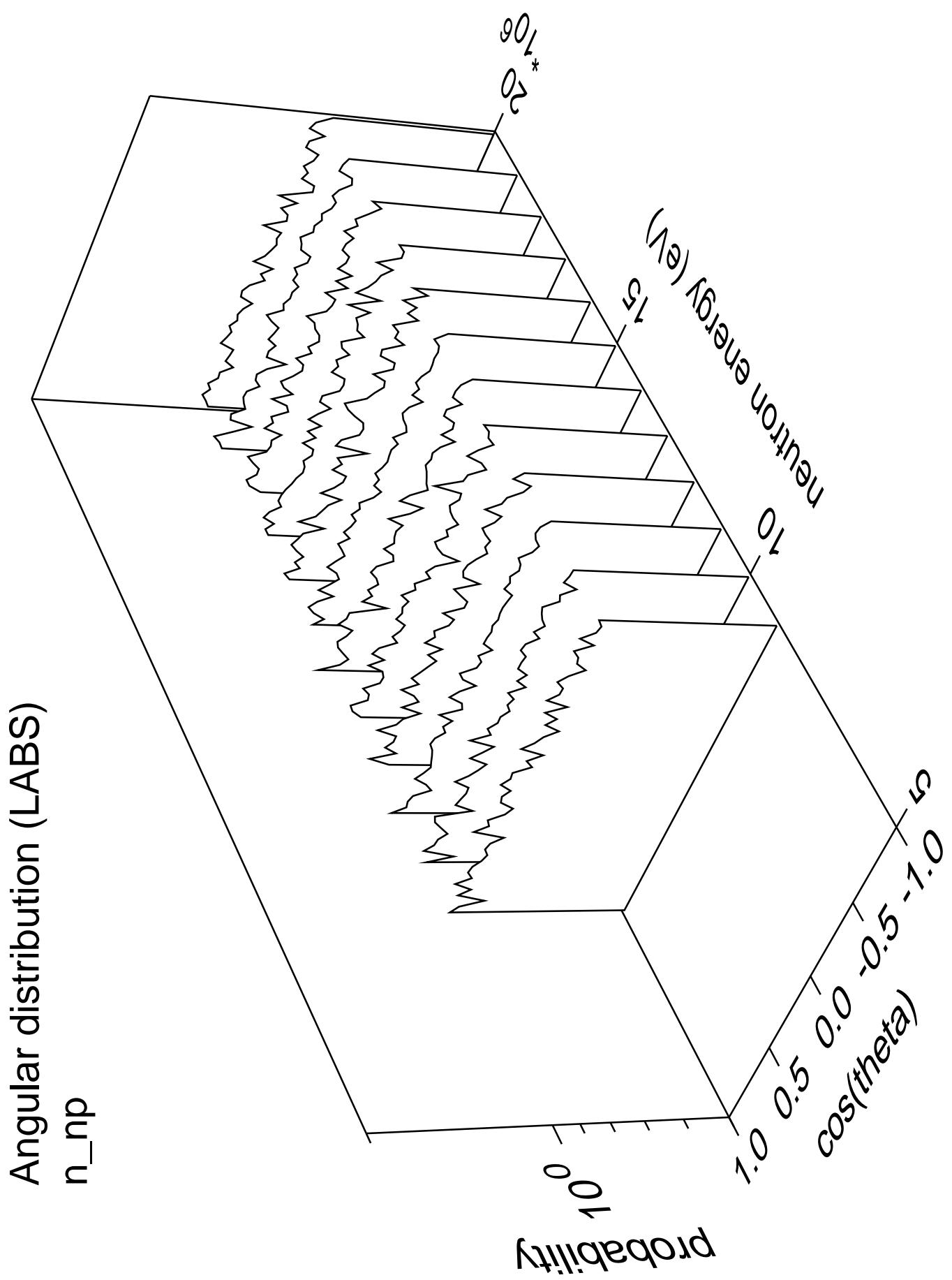


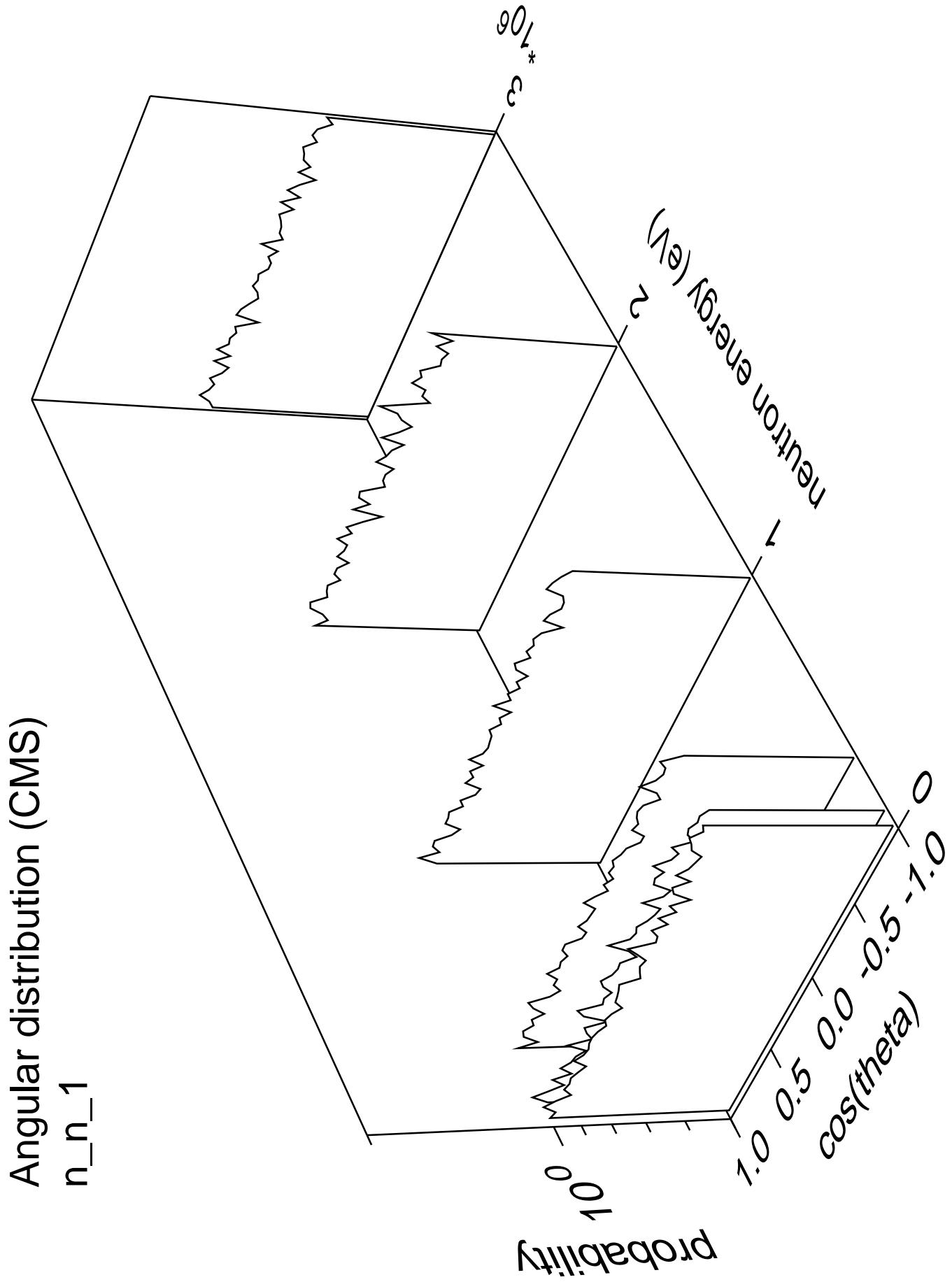


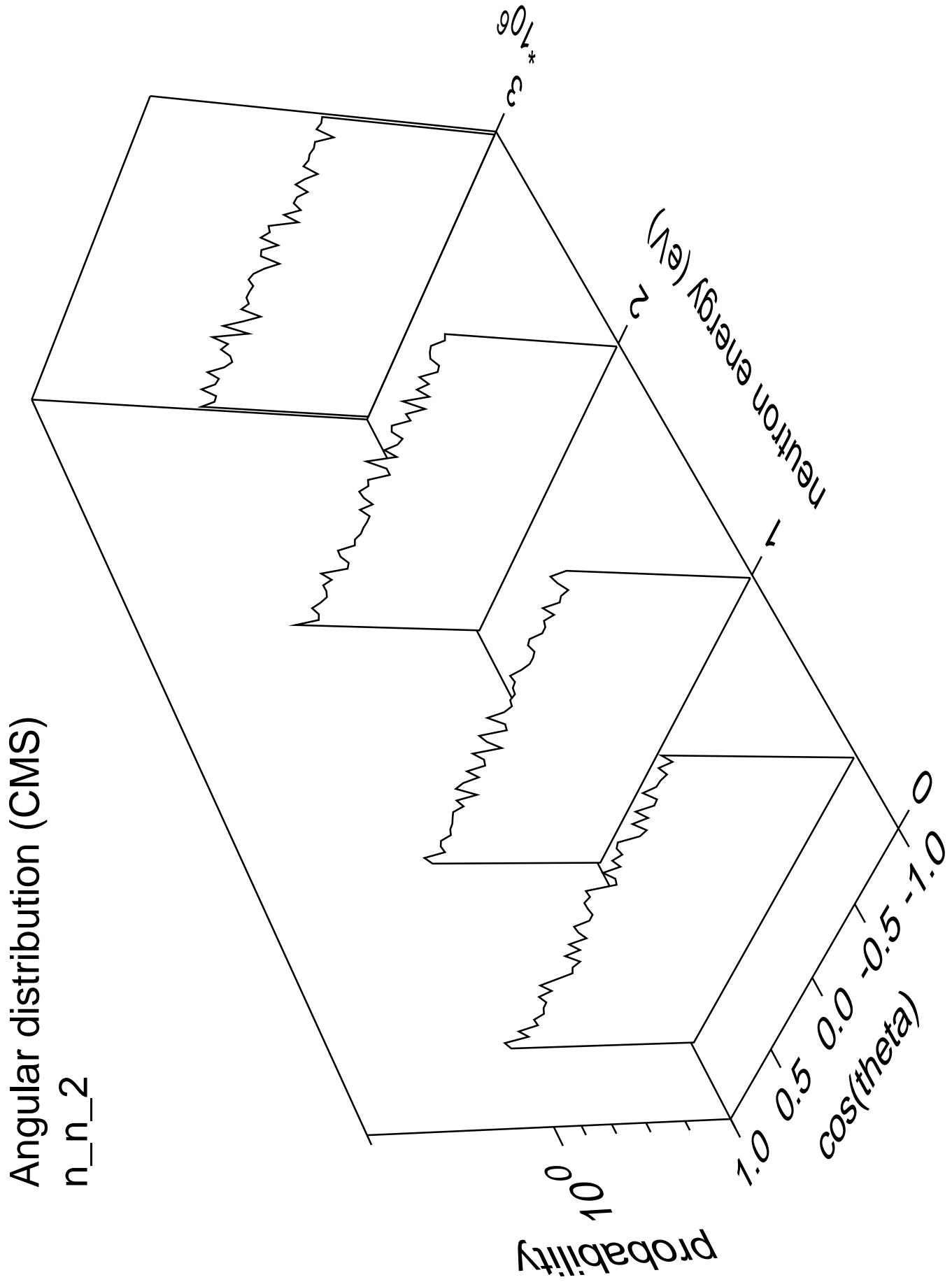
Angular distribution (LABS) n_{3n}

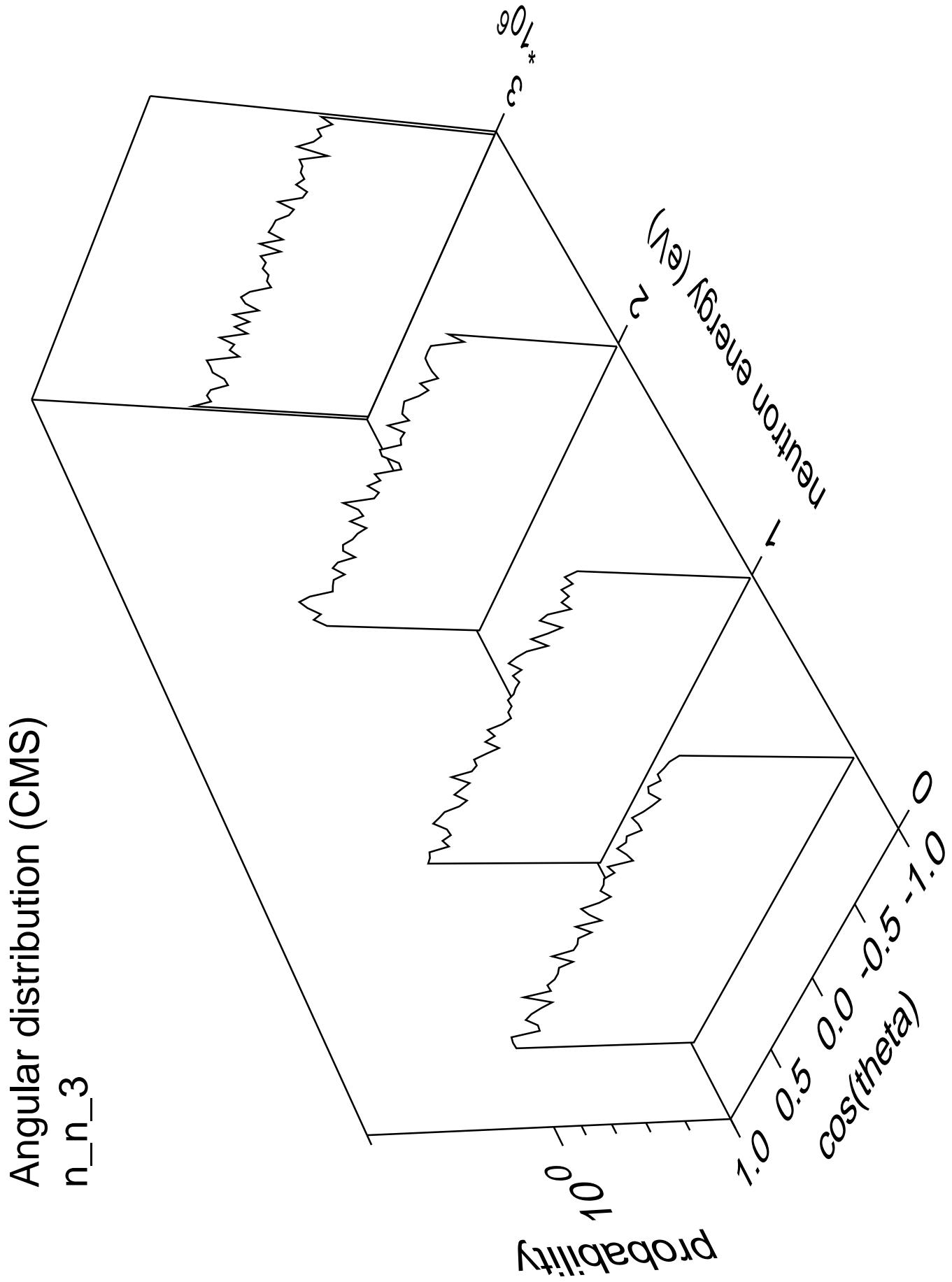


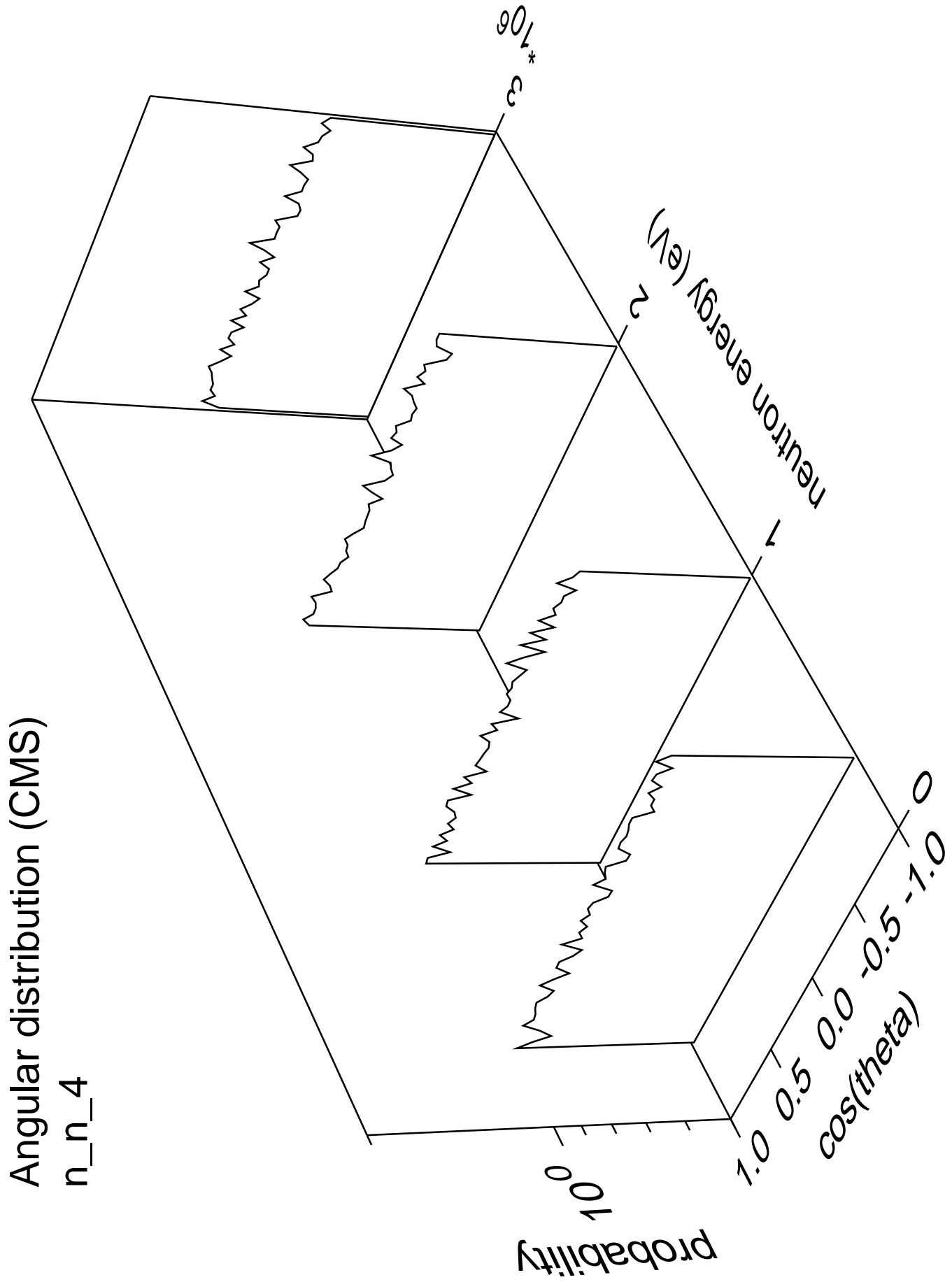


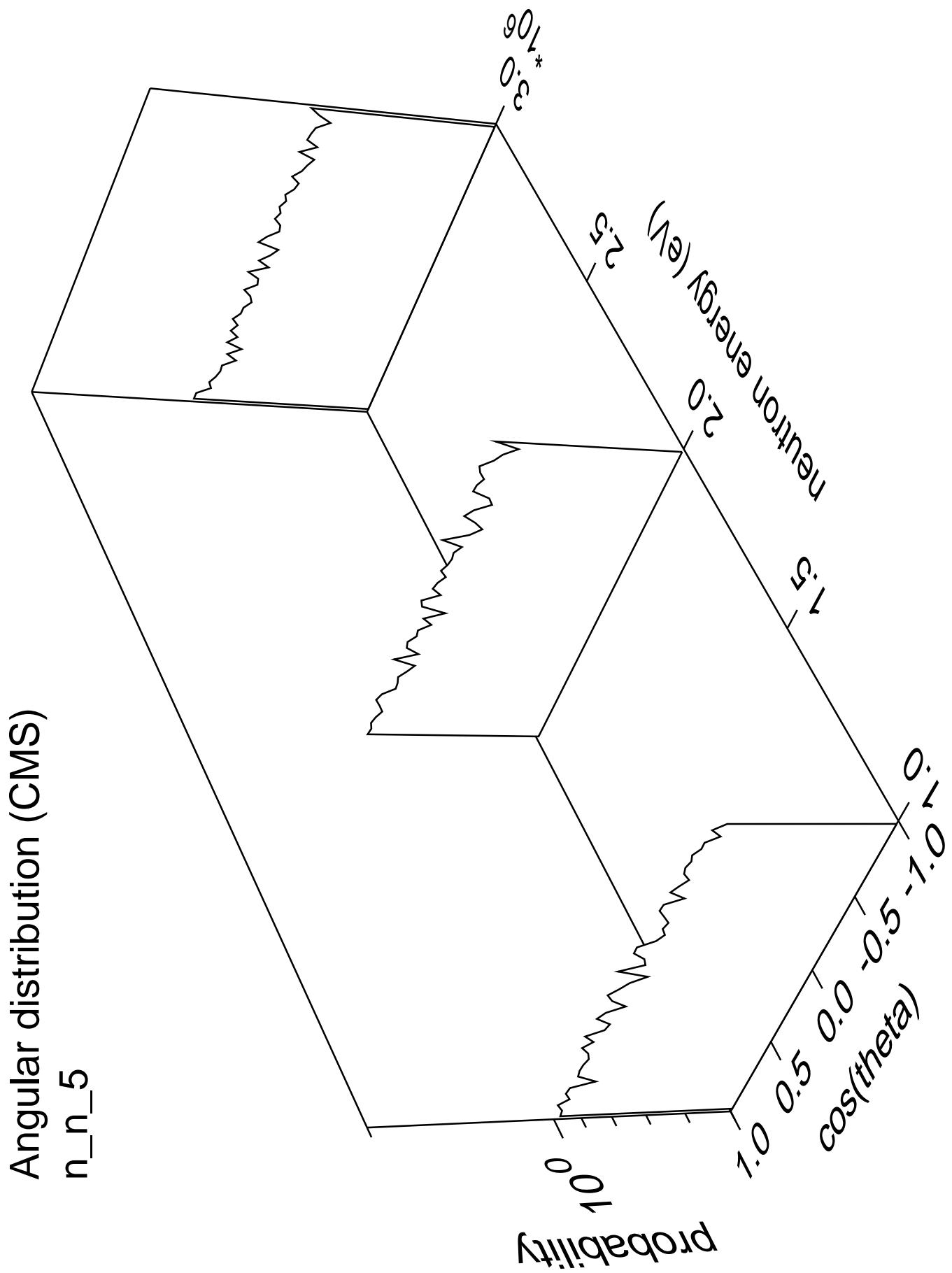


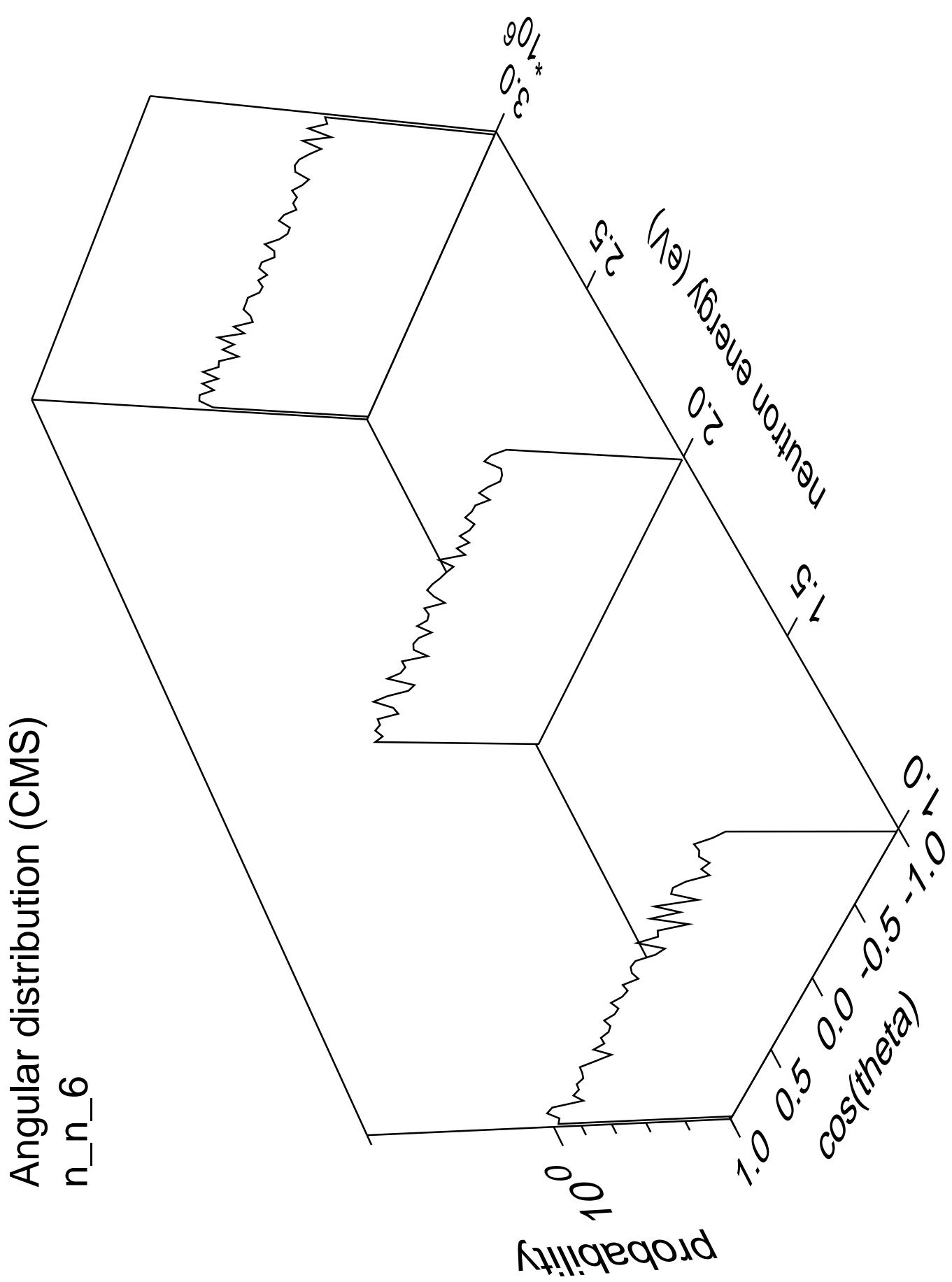


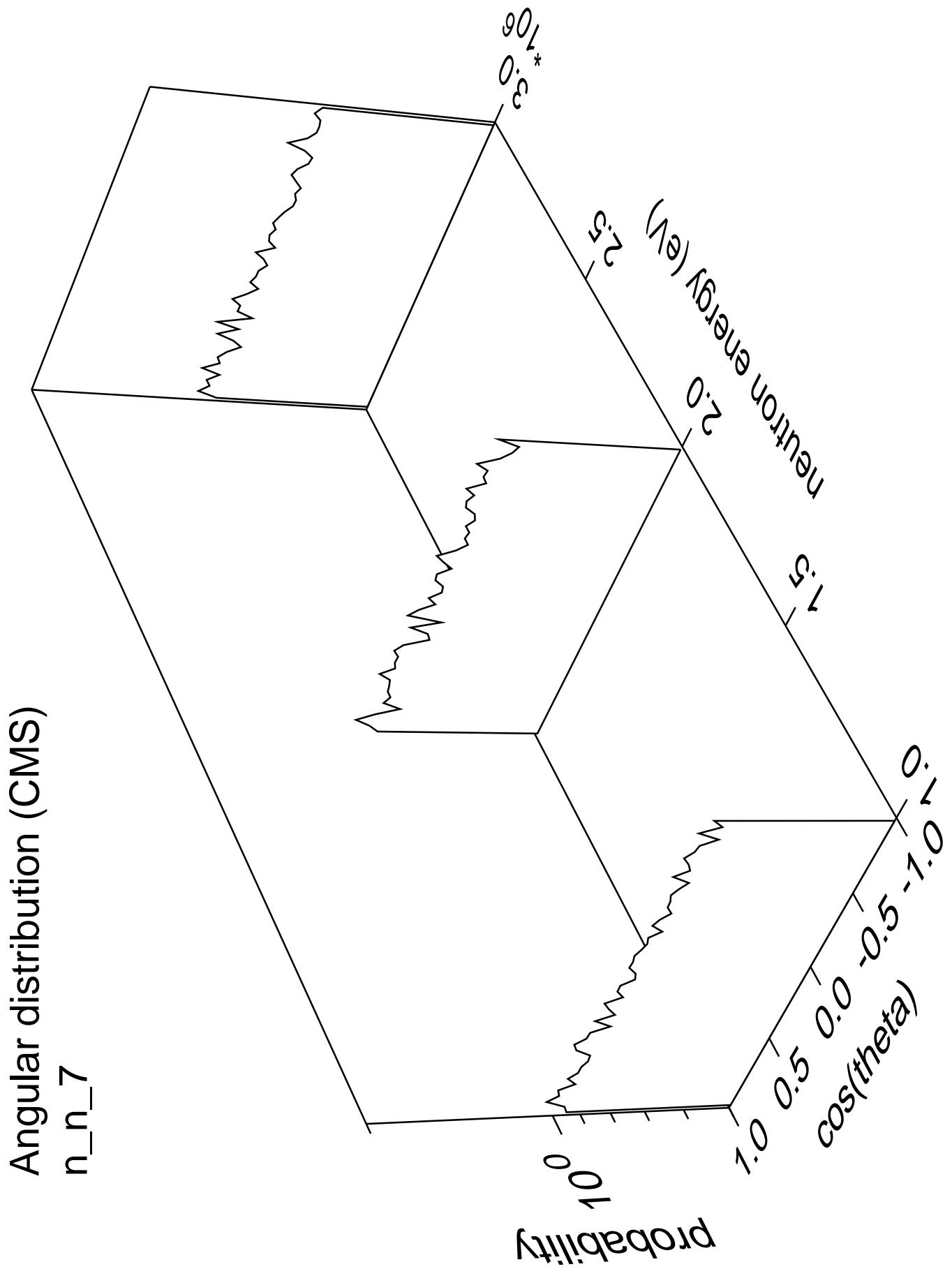


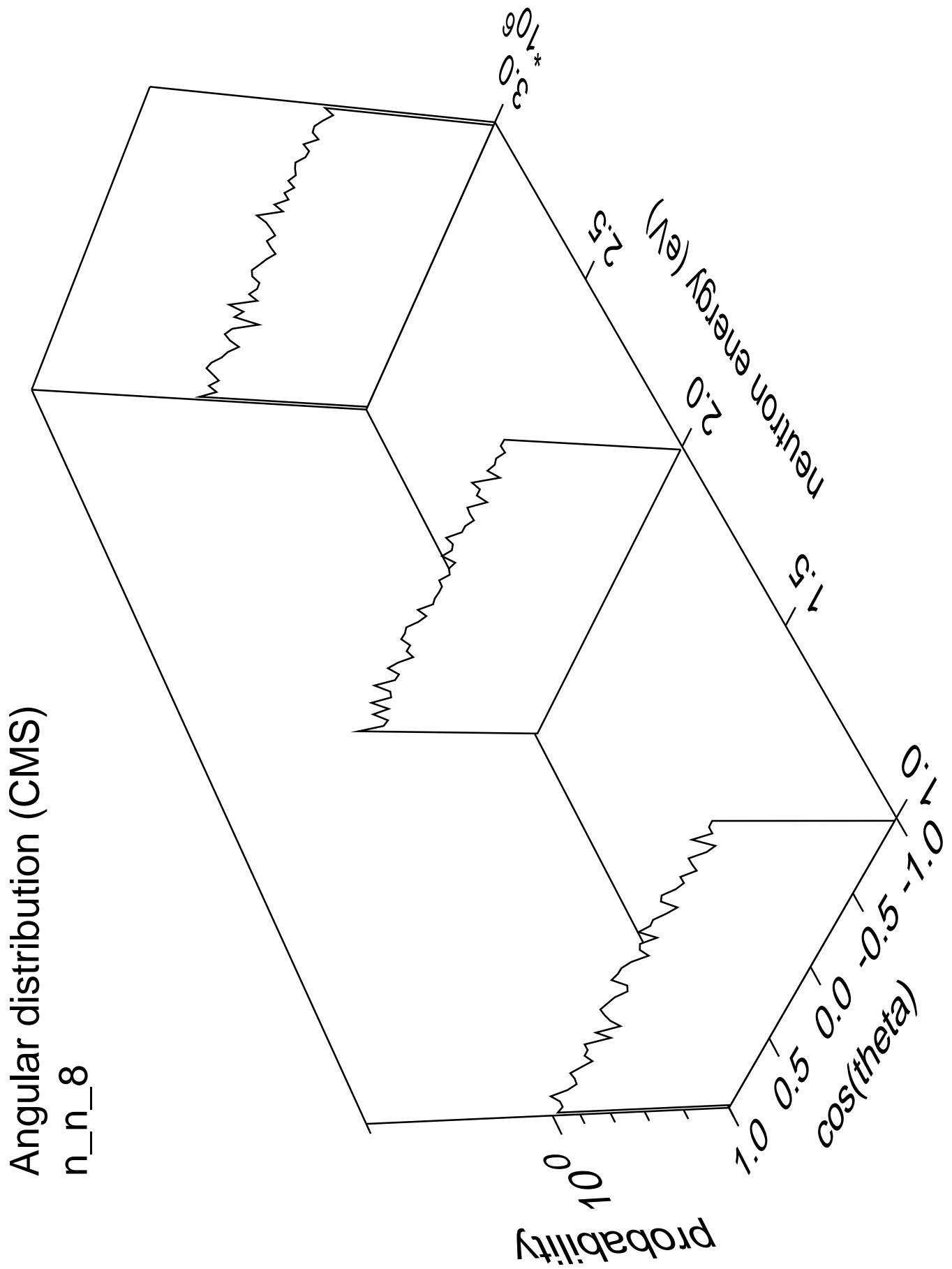


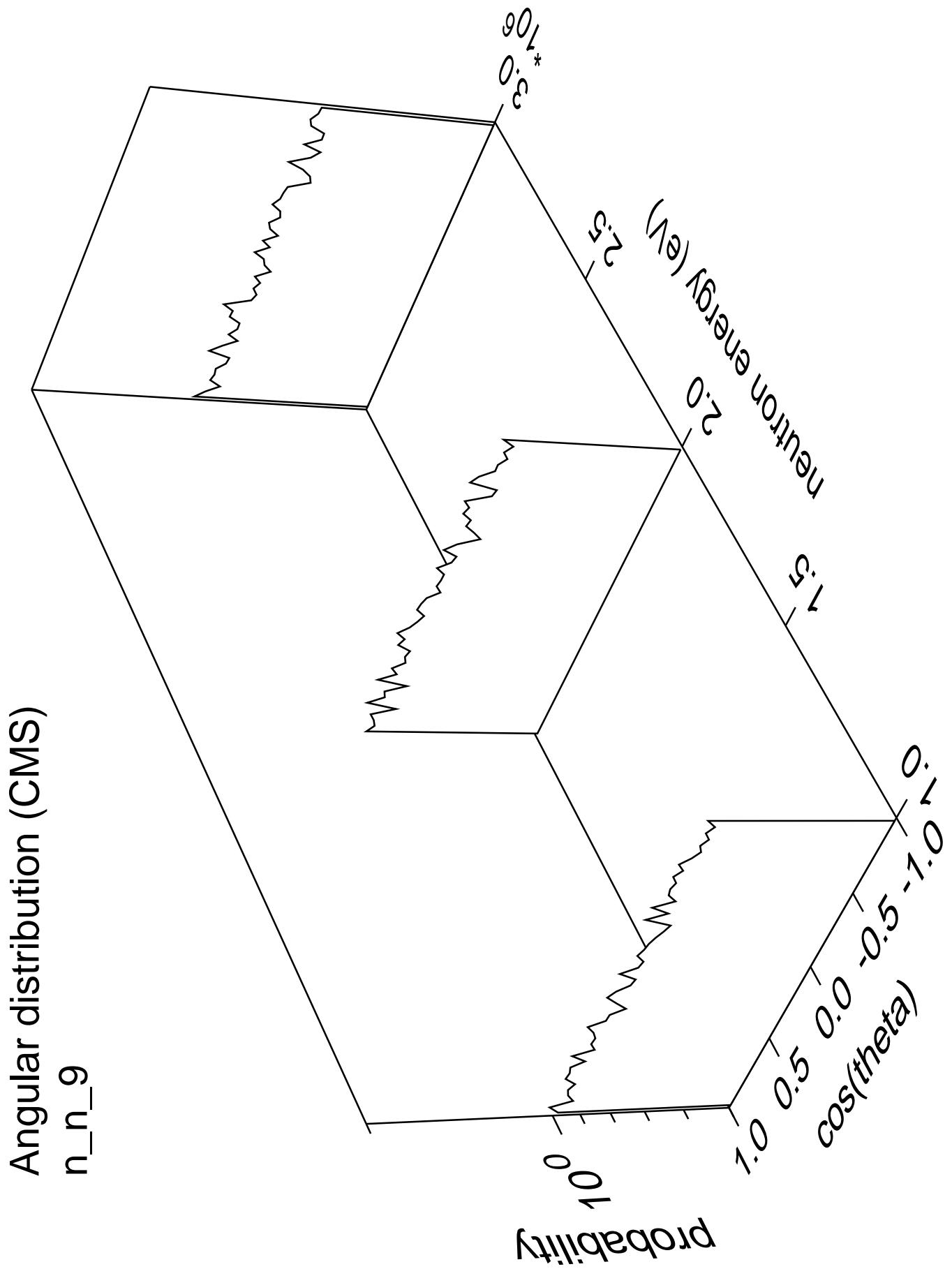


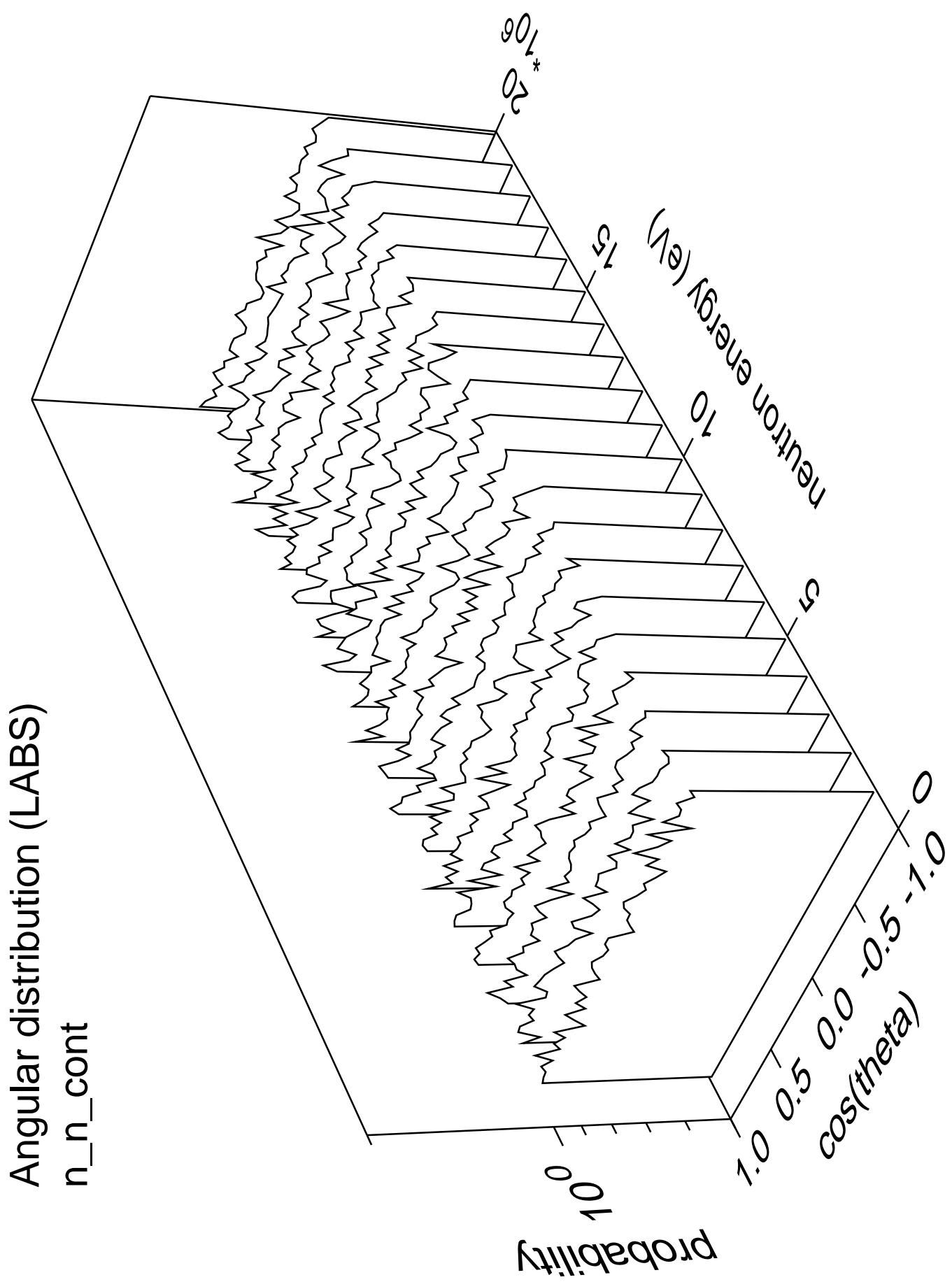


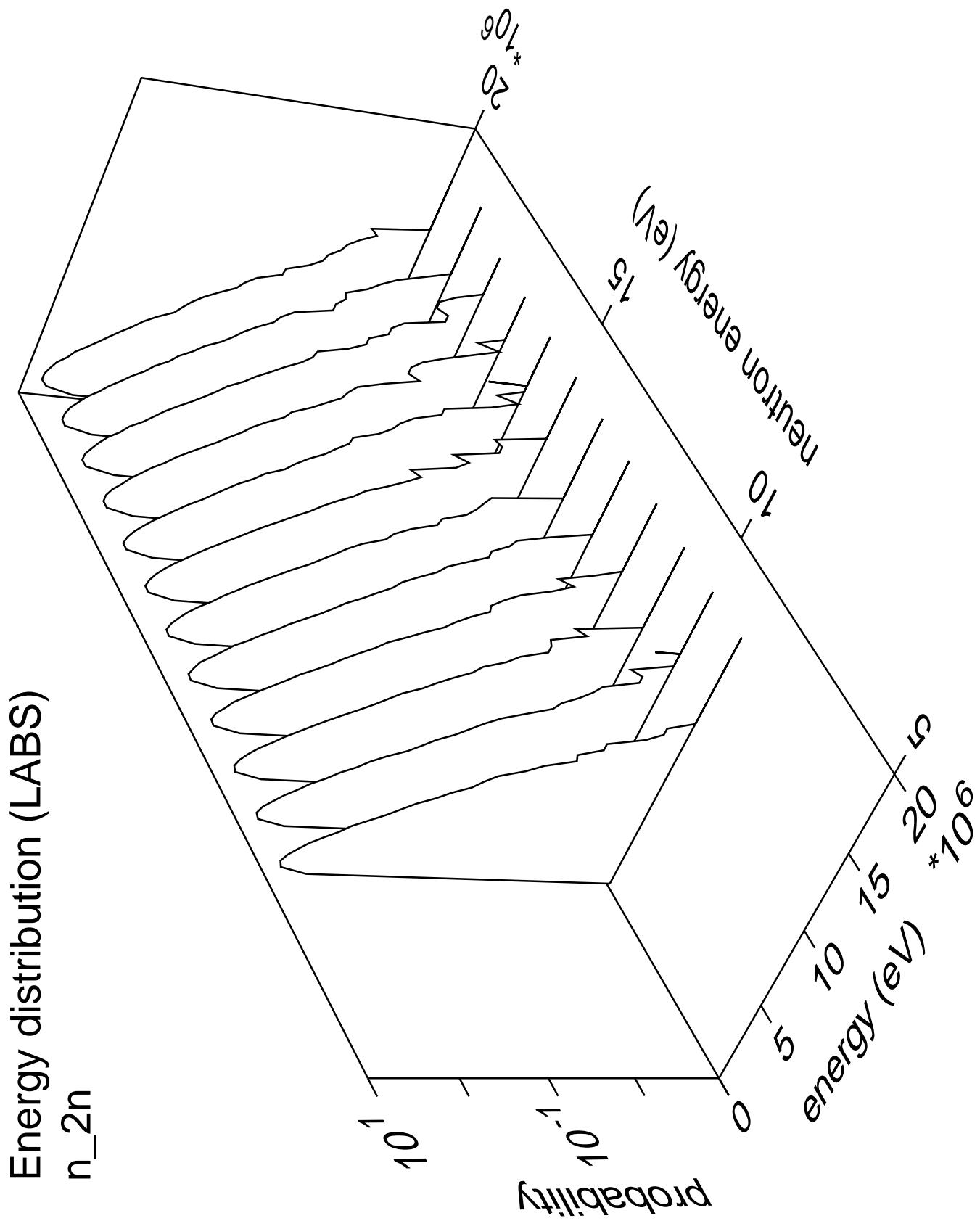


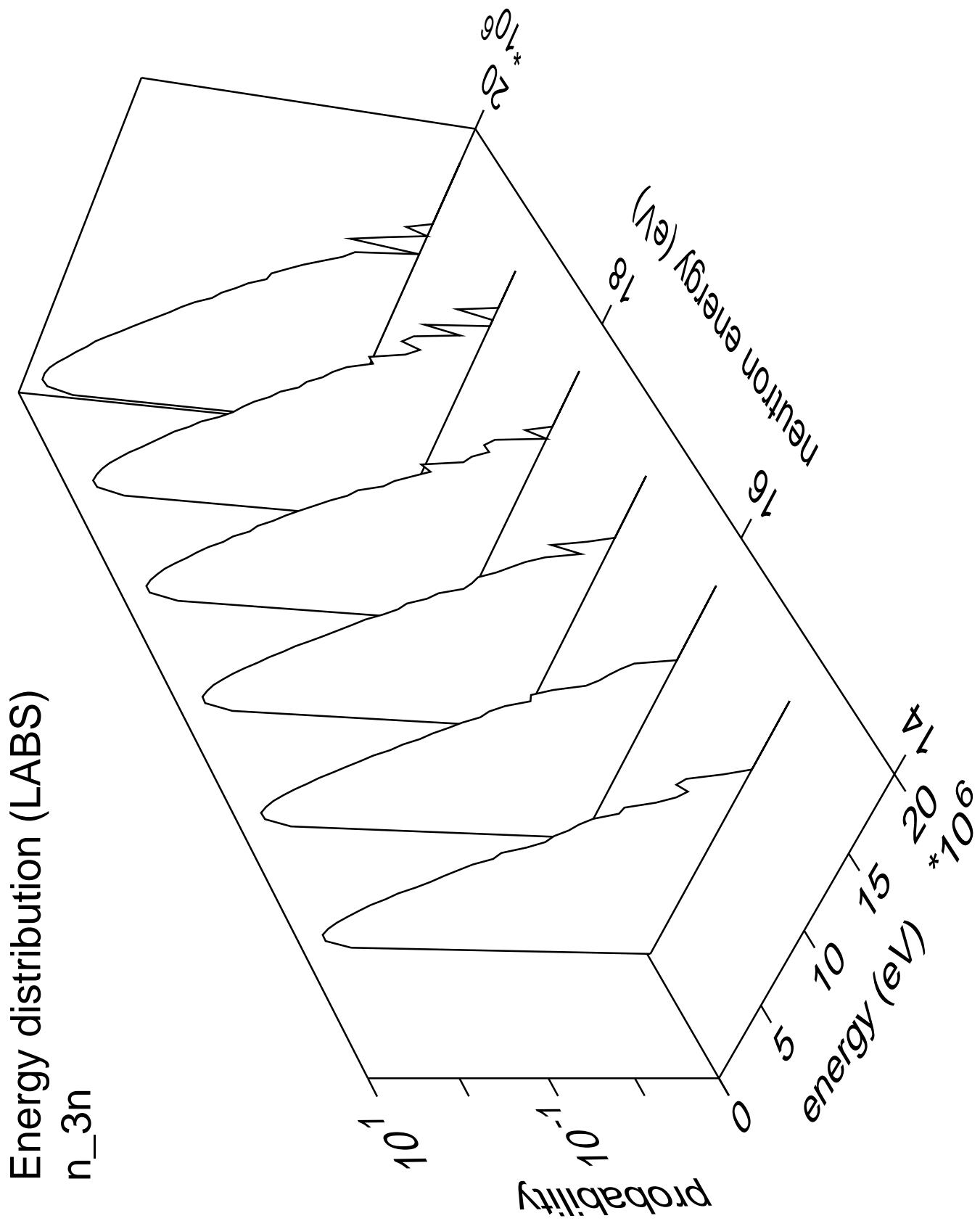


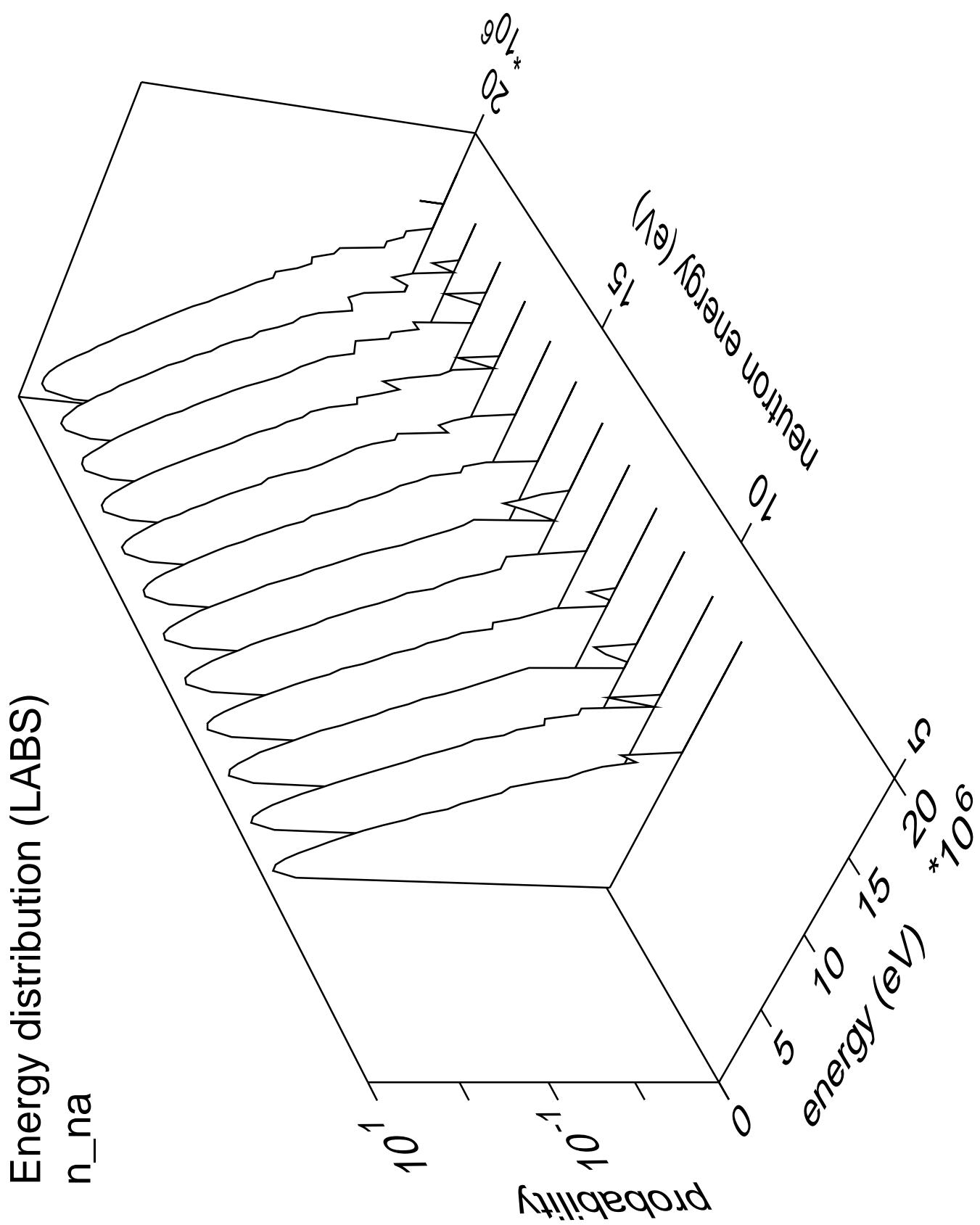


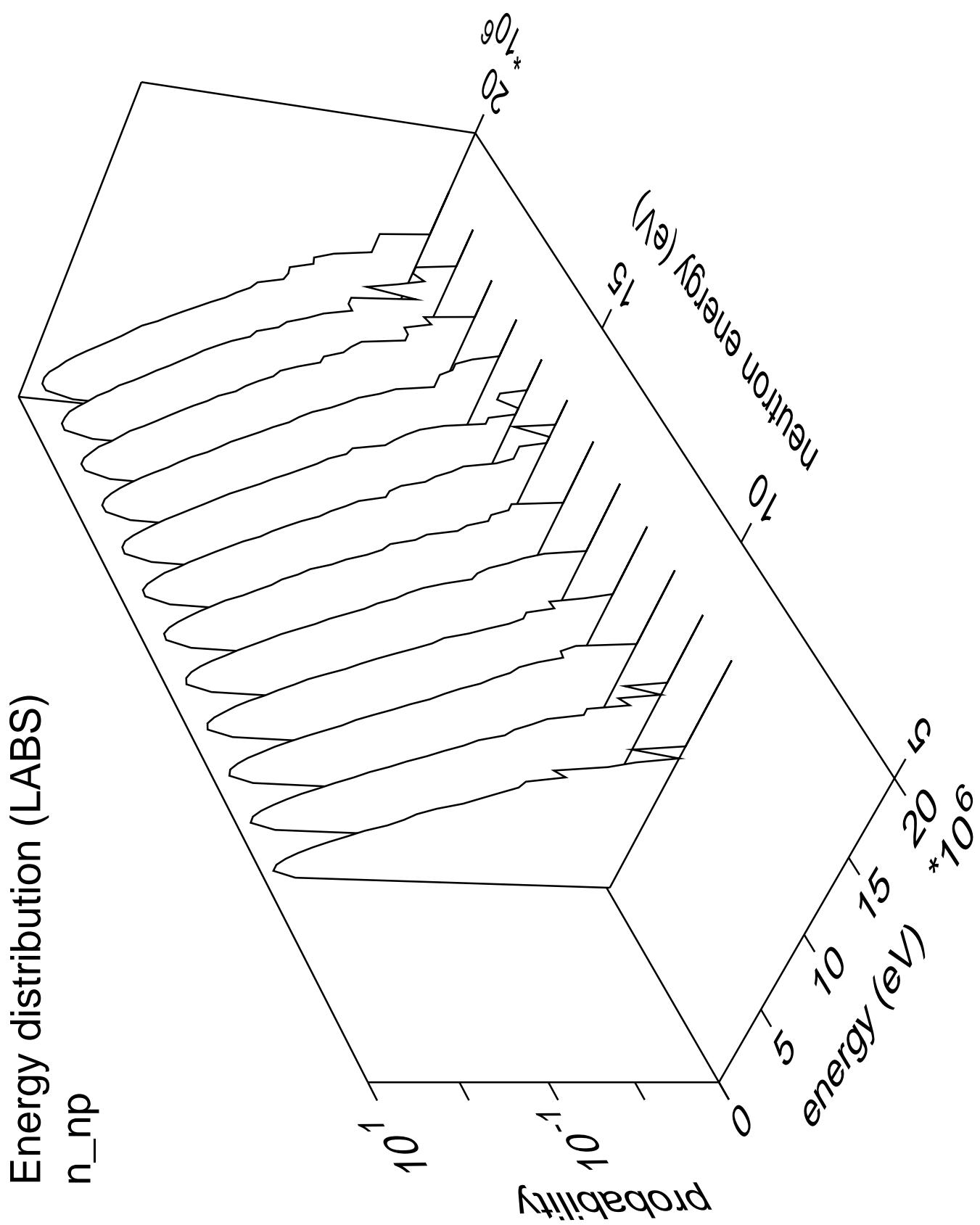


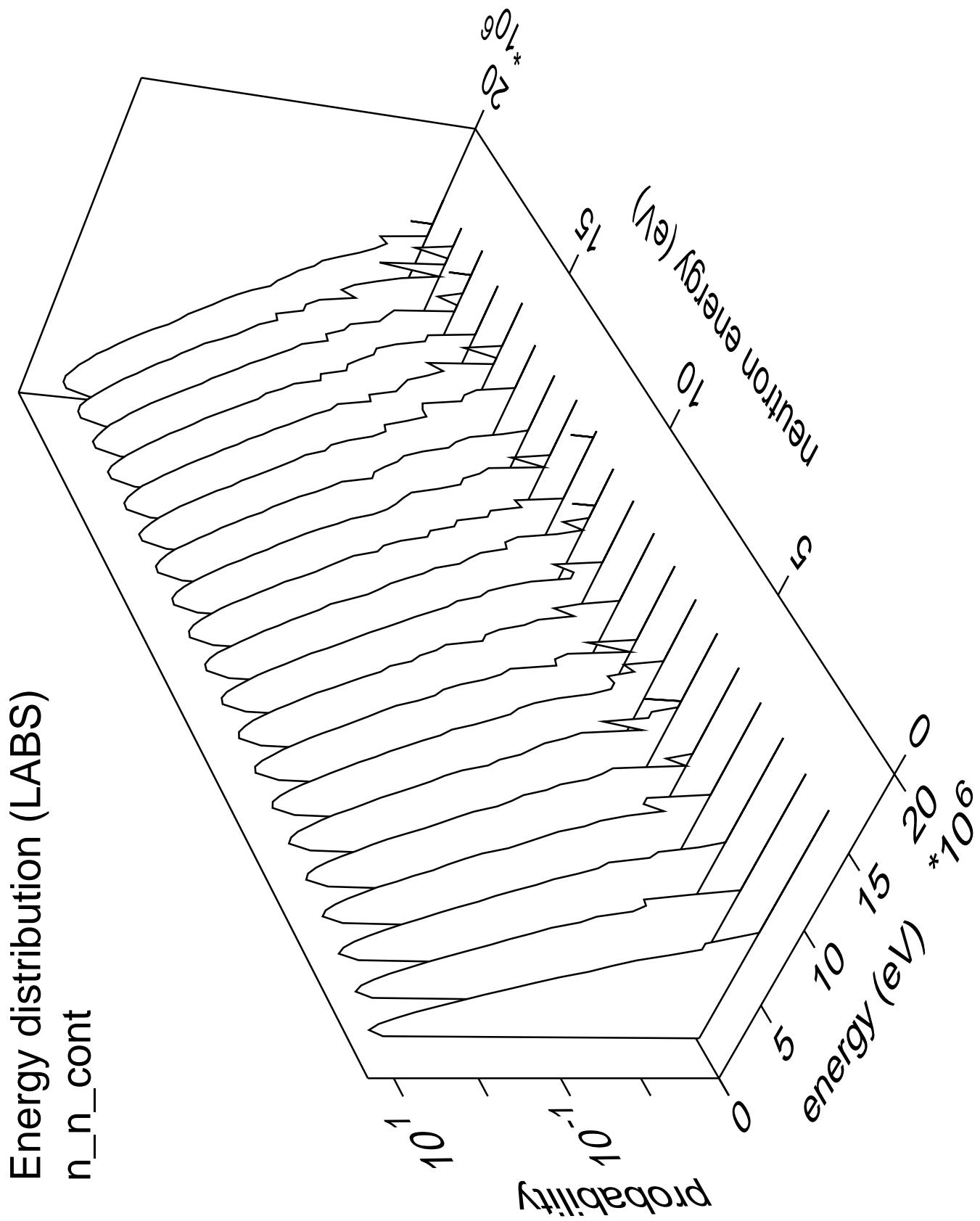




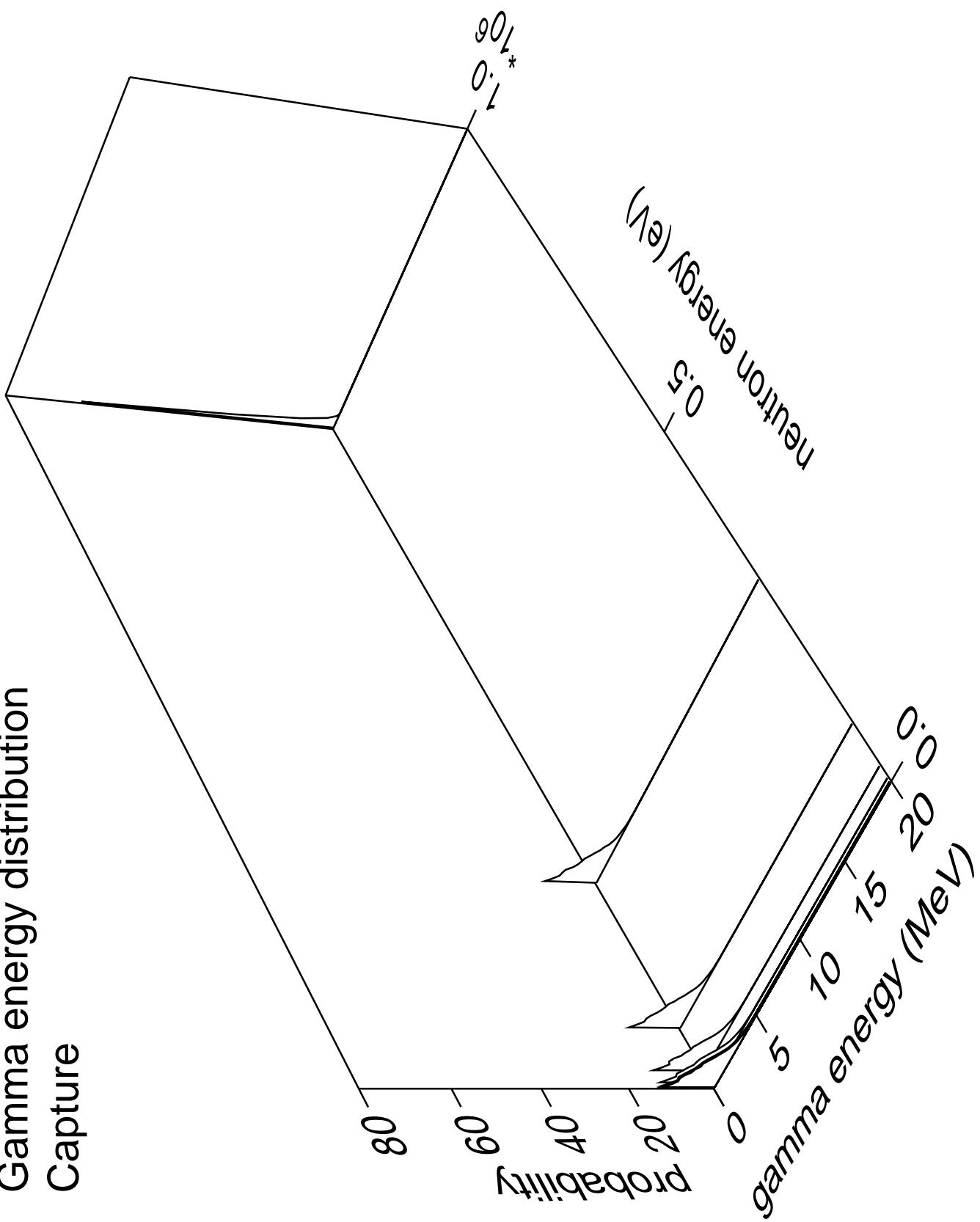




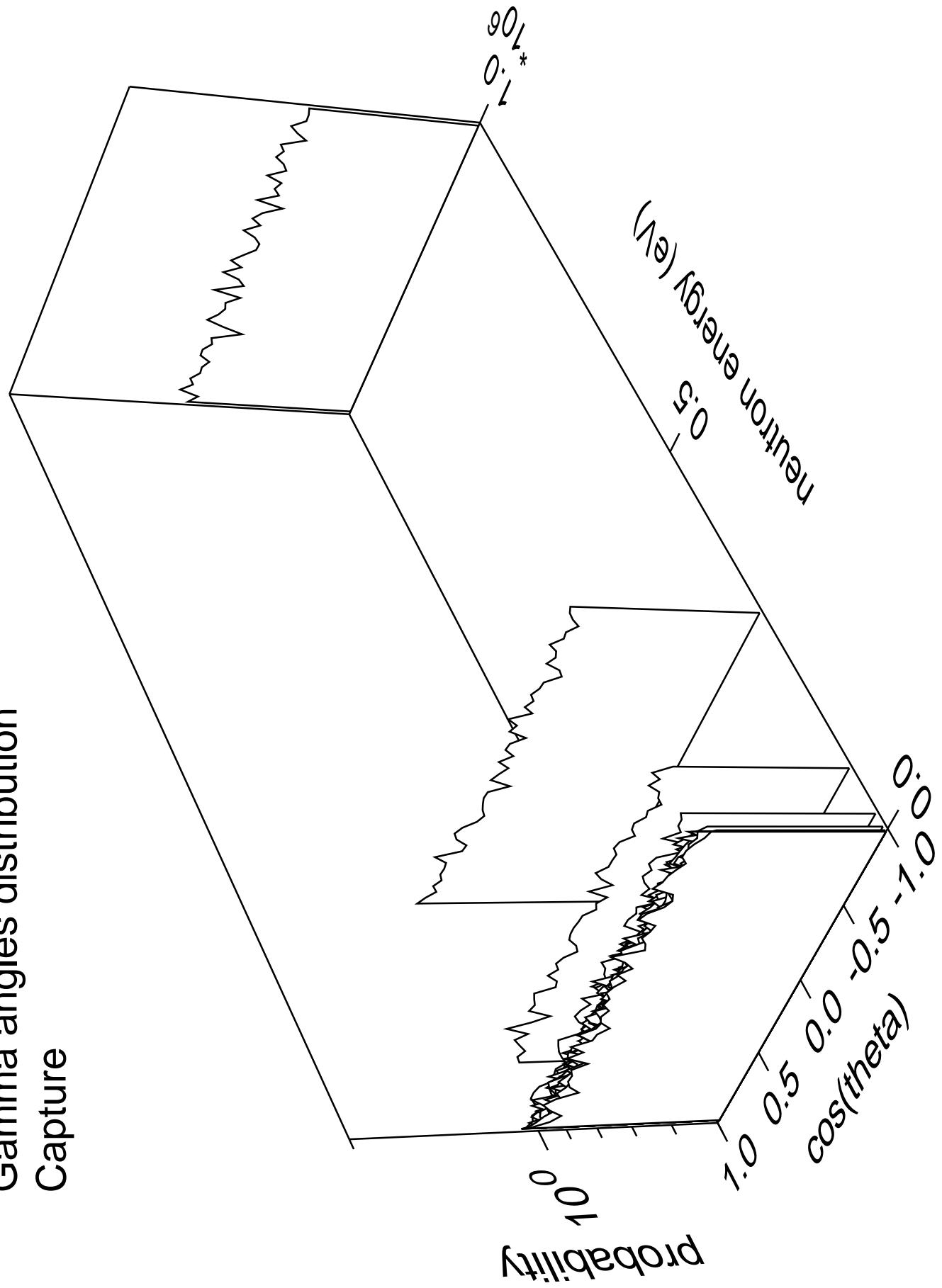




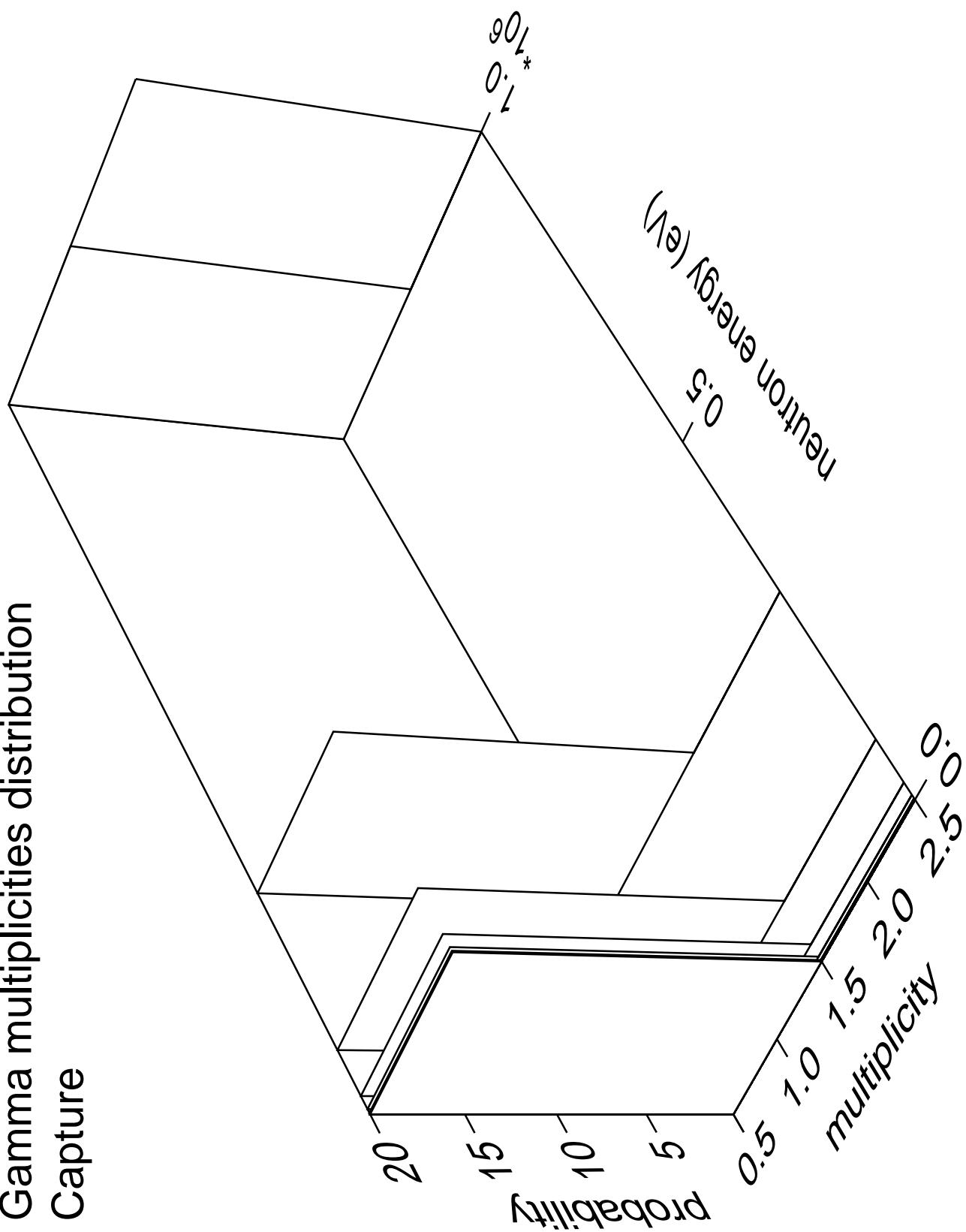
Gamma energy distribution Capture



Gamma angles distribution Capture



Gamma multiplicities distribution Capture



Gamma energy distribution

n_n_1

100 50 0

Probability

20 15 10 5 0
gamma energy (MeV)

Neutron energy (eV)

$\times 10^6$

3

Gamma angles distribution

n_{n_1}

Probability

10^0

10^6

\sim

$\cos(\theta)$

1.0

0.5

0.0

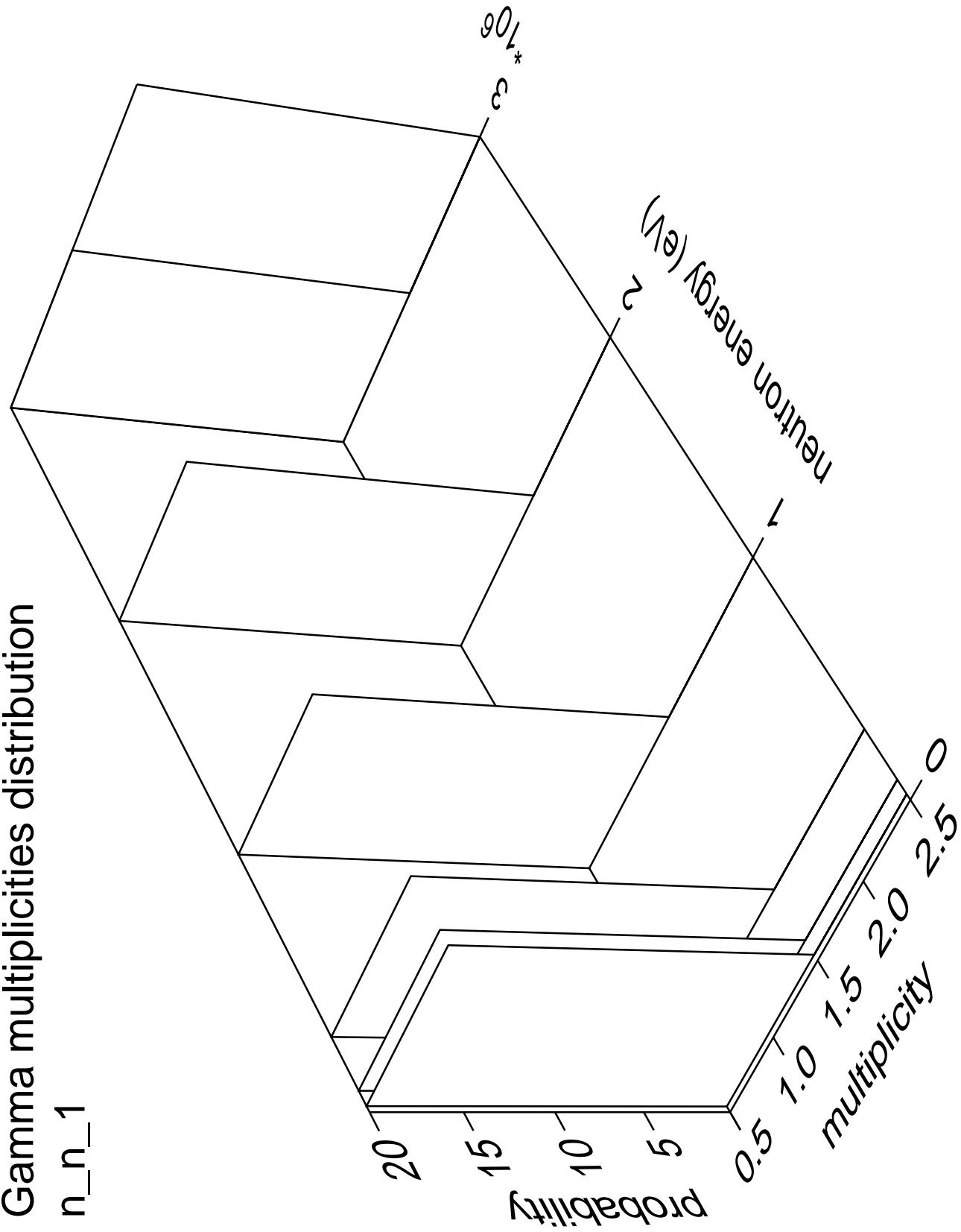
-0.5

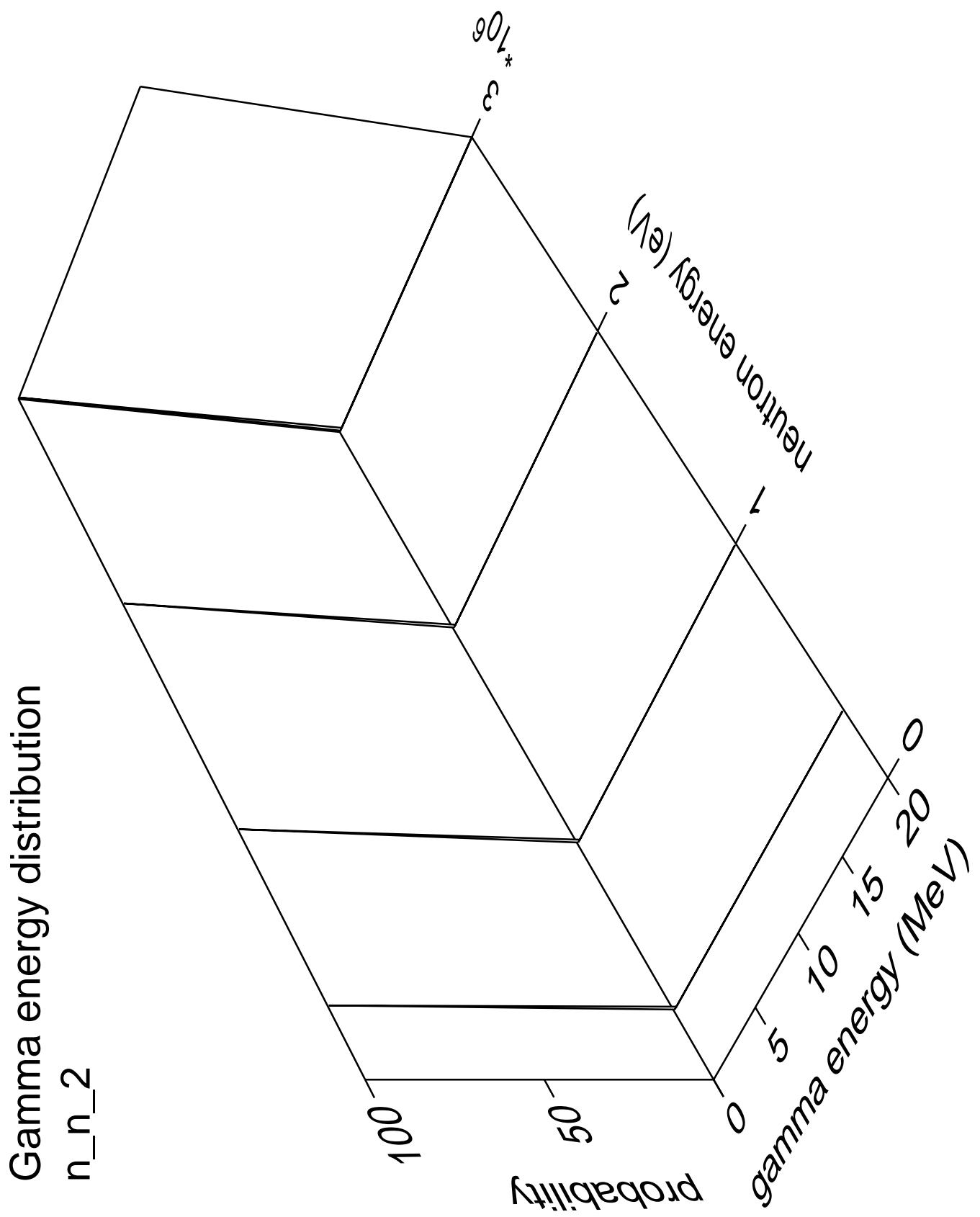
-1.0

neutron energy (eV)

\sim

Gamma multiplicities distribution





Gamma angles distribution

n_n_2

Probability

10^0

10^6

\sim

$\cos(\theta)$

1.0

0.5

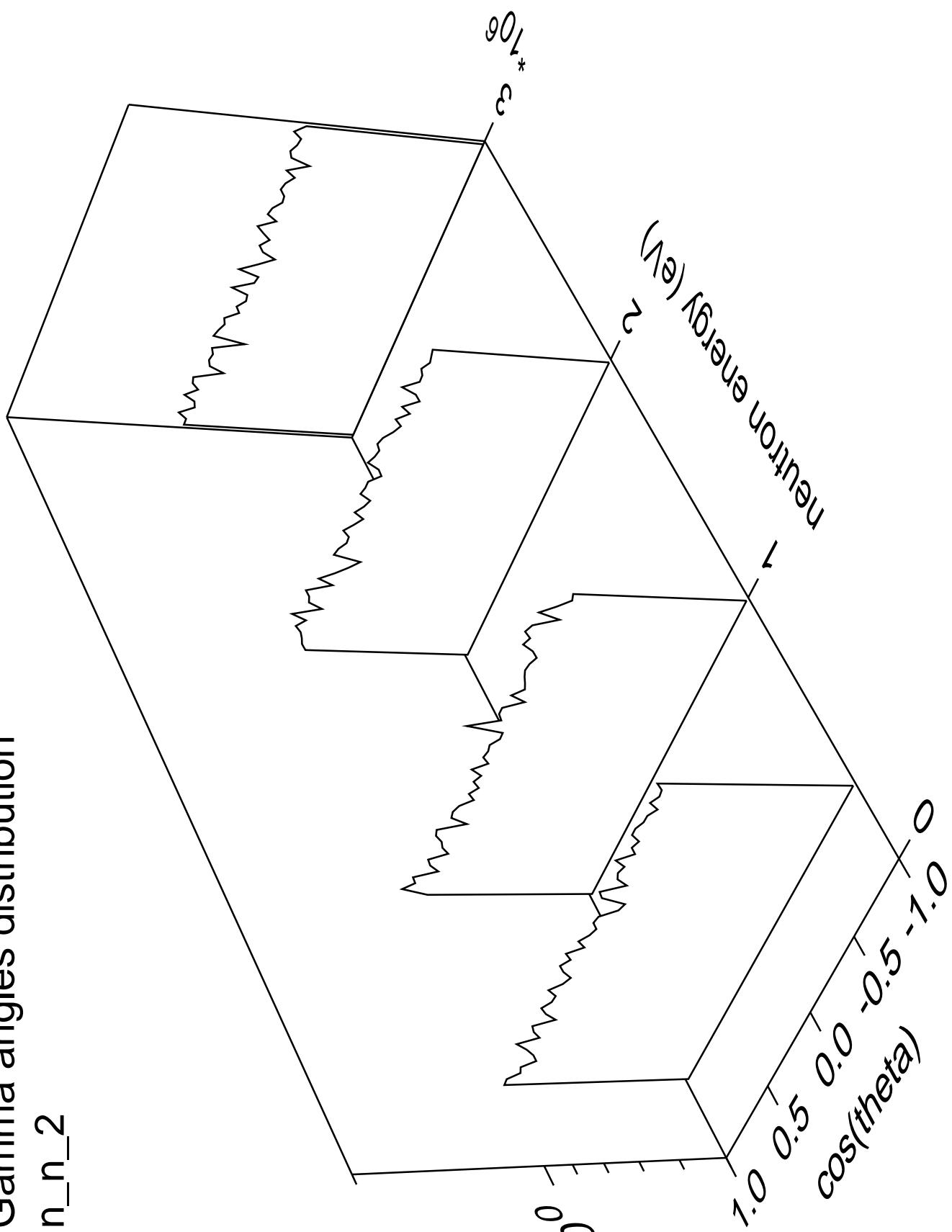
0.0

-0.5

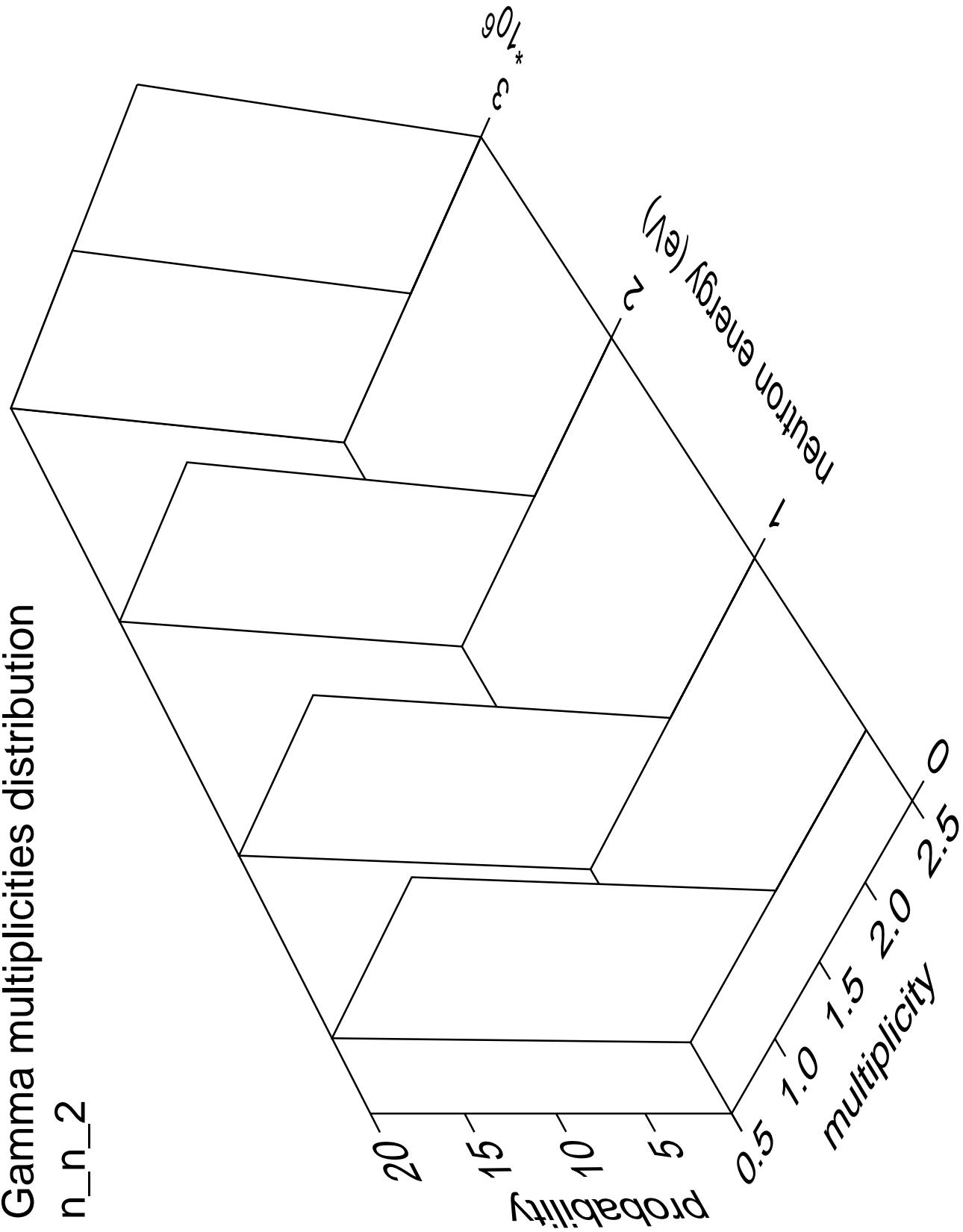
-1.0

neutron energy (eV)

\sim

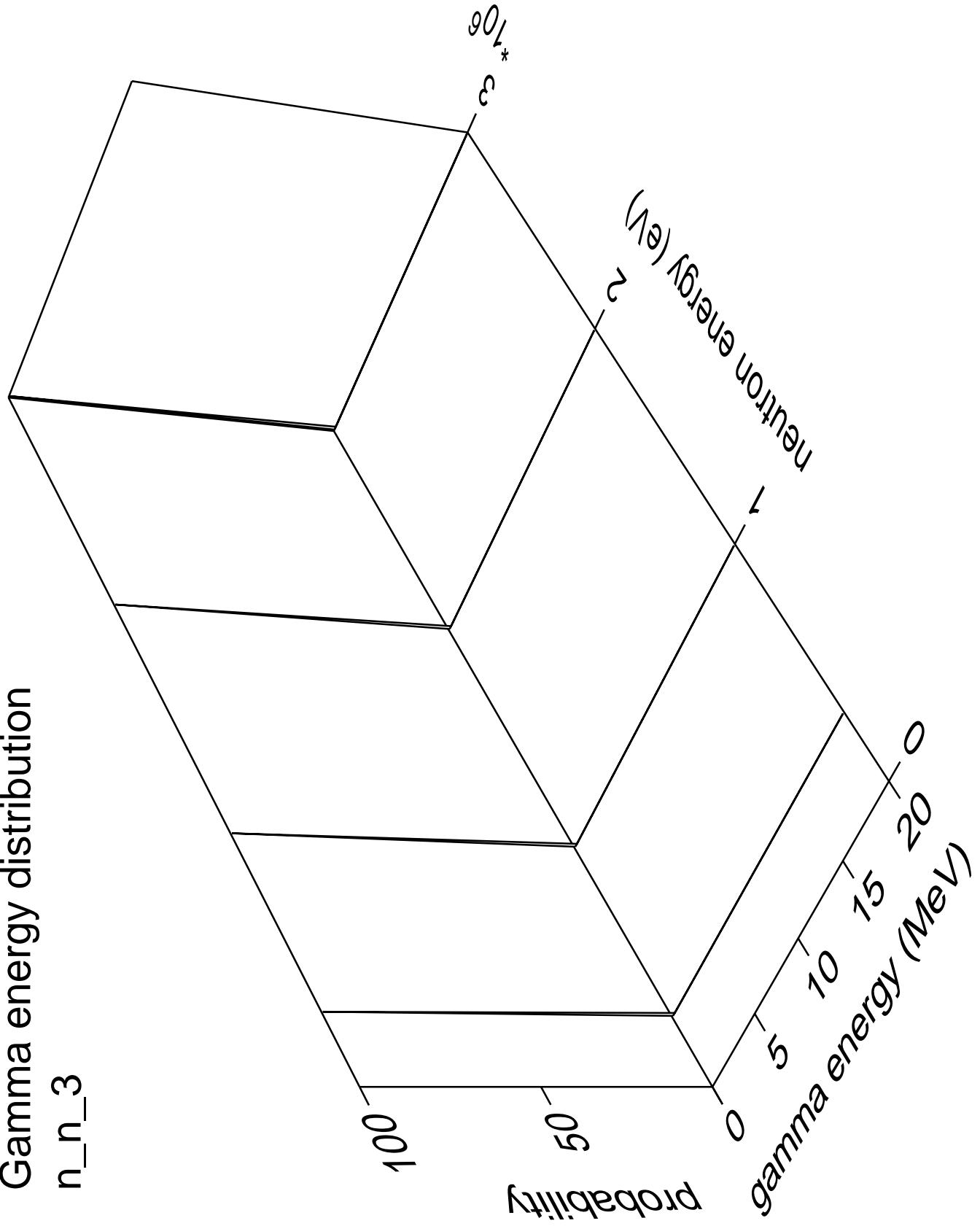


Gamma multiplicities distribution



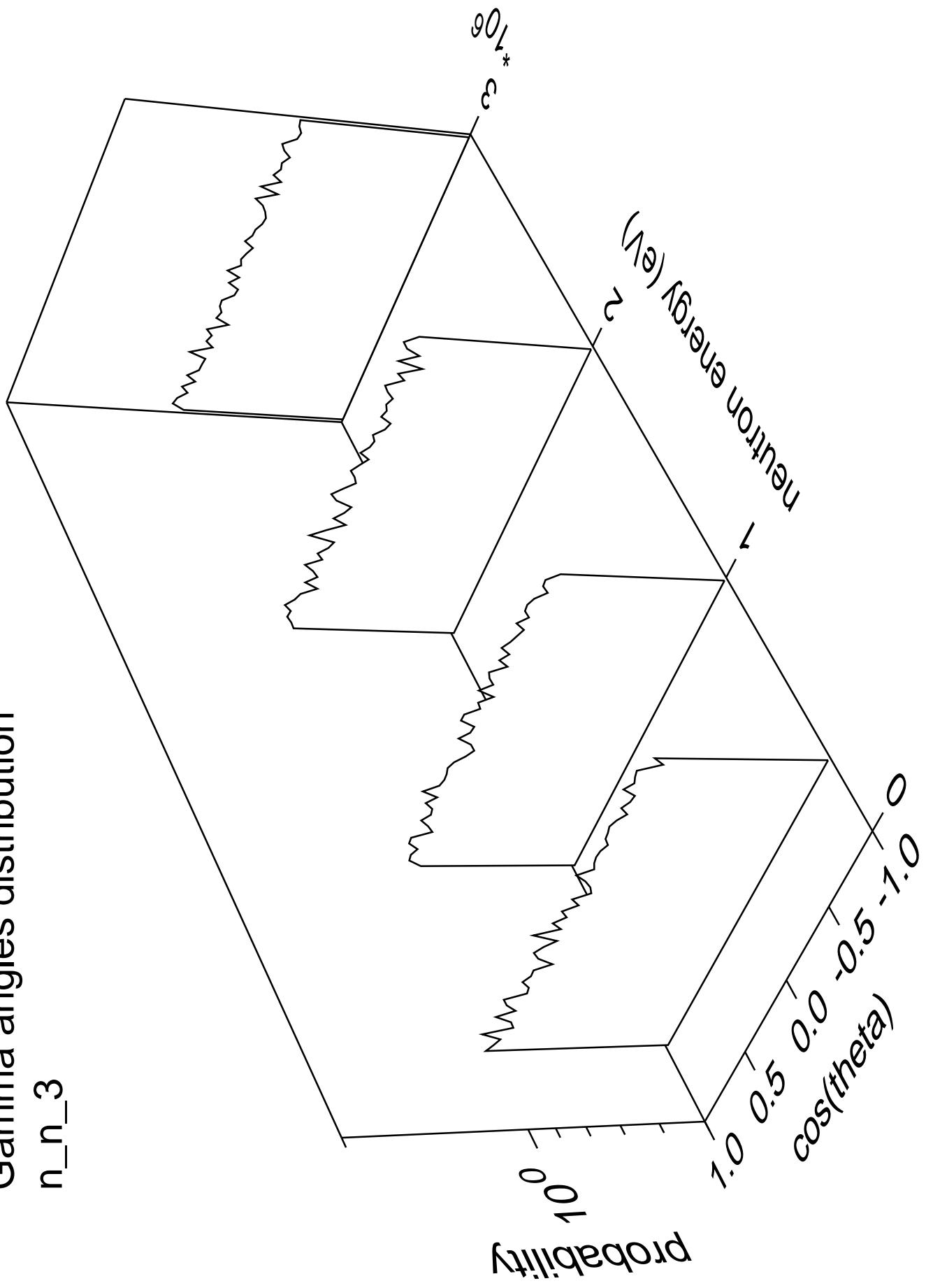
Gamma energy distribution

n_n_3

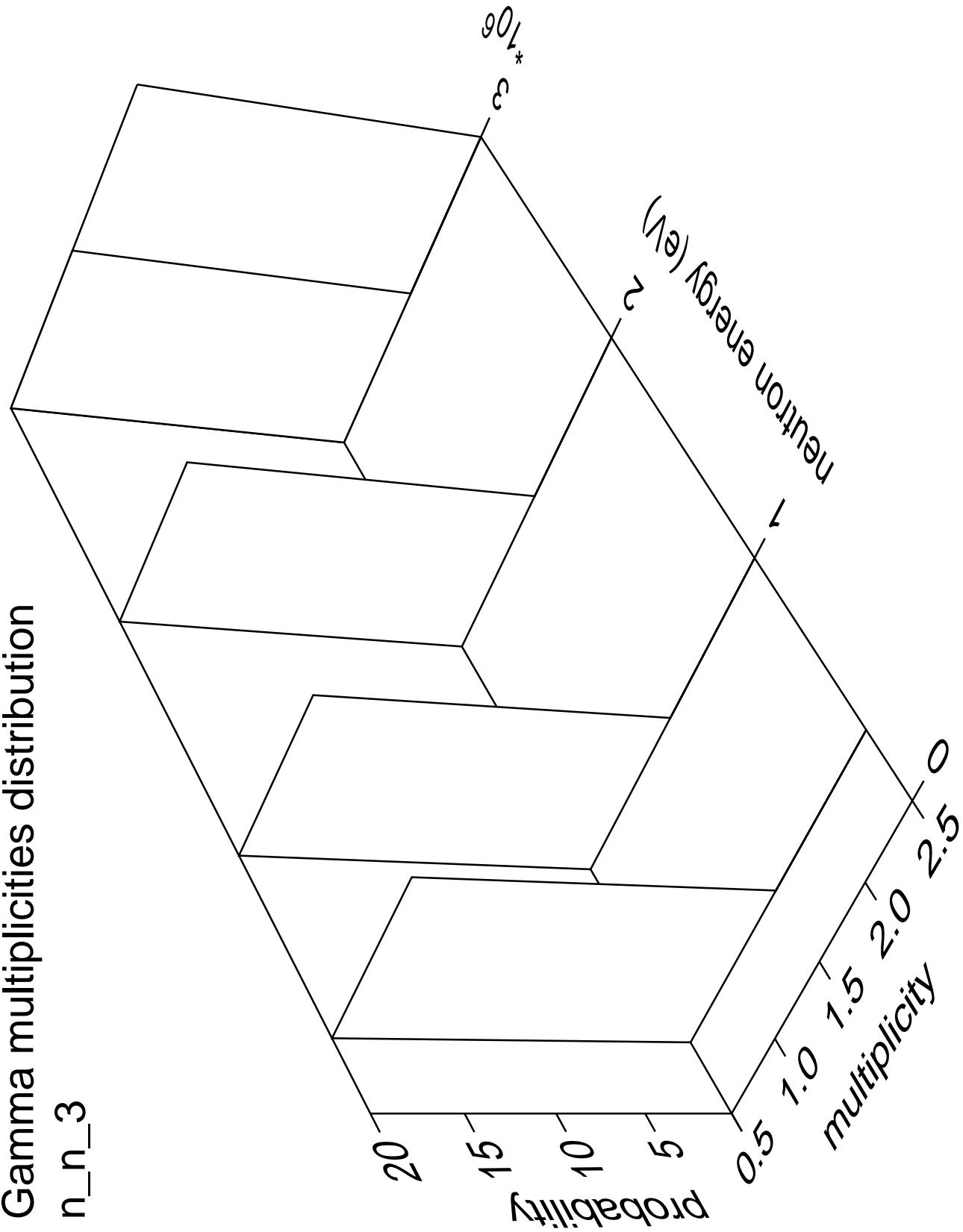


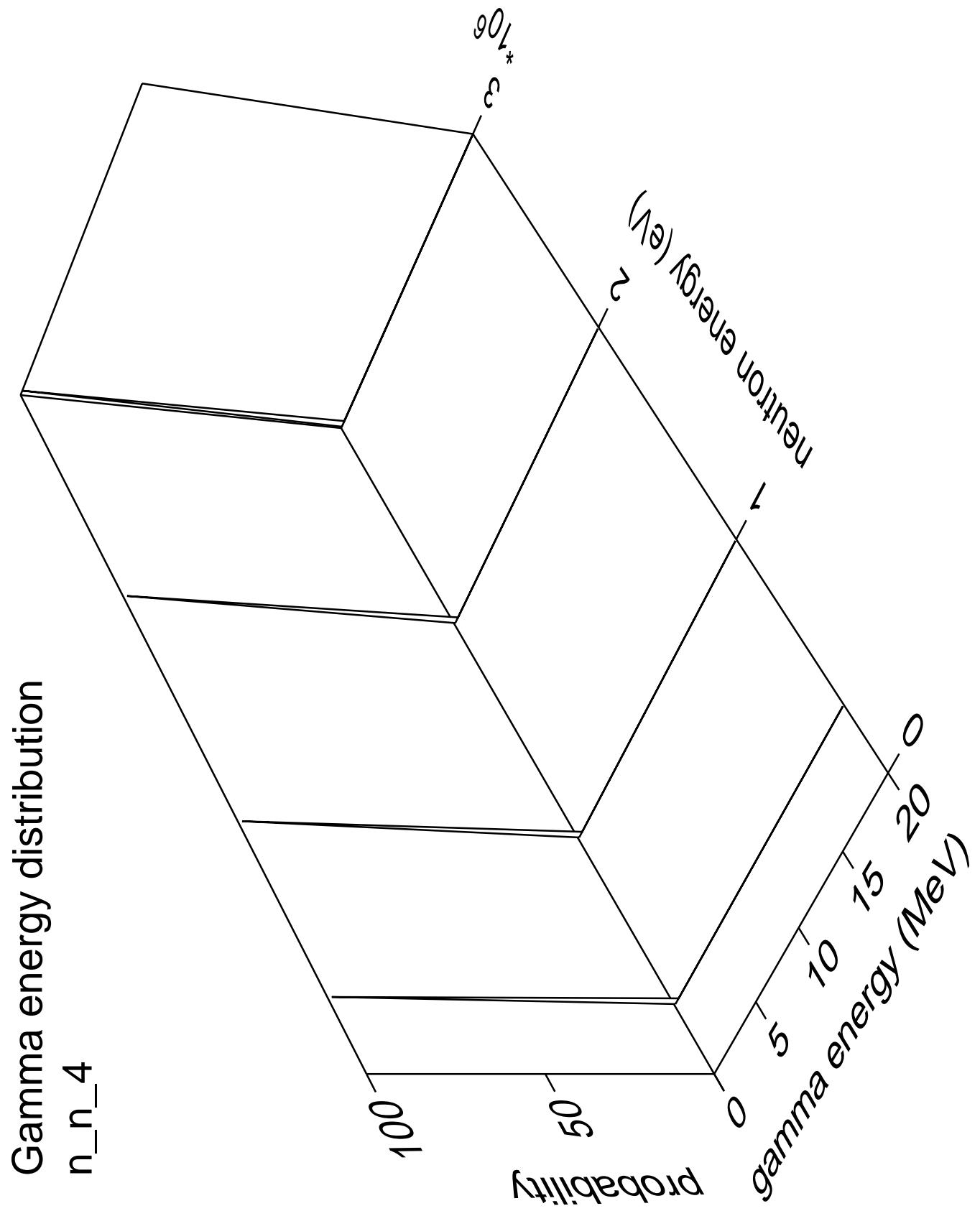
Gamma angles distribution

n_n_3



Gamma multiplicities distribution





Gamma angles distribution

n_n_4

Probability

10^0

10^6

3

2

1

0

cos(theta)

1.0

0.5

0.0

-0.5

-1.0

neutron energy (eV)

1

2

3

4

5

6

7

8

9

*

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

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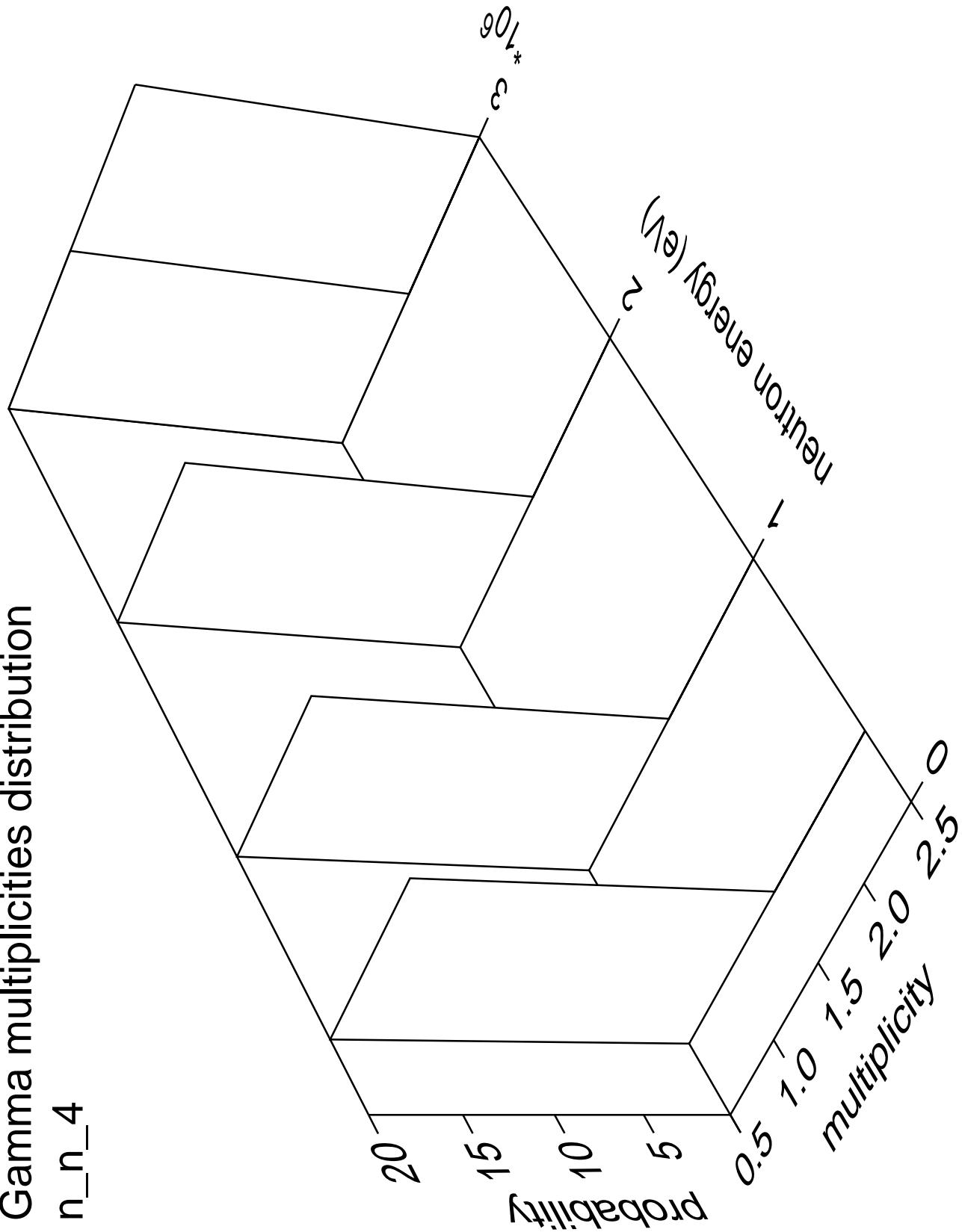
97

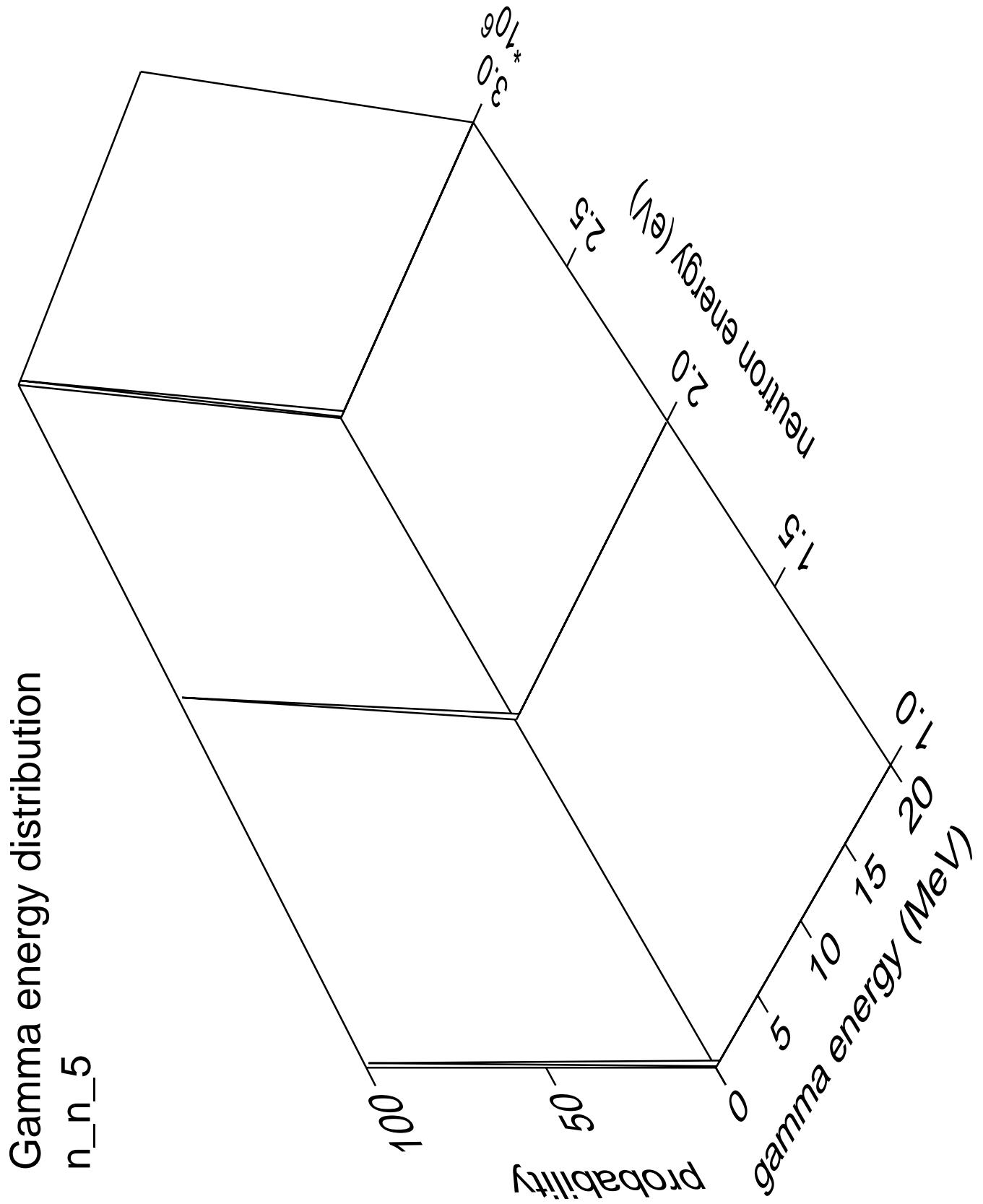
98

99

100

Gamma multiplicities distribution n_n_4





Gamma angles distribution

n_n_5

Probability

10^0

$\cos(\theta)$

1.0

0.5

0.0

-0.5

-1.0

10^0

3.0

6.0

9.0

12.0

15.0

18.0

21.0

24.0

27.0

30.0

33.0

36.0

39.0

42.0

45.0

48.0

51.0

54.0

57.0

60.0

63.0

66.0

70.0

74.0

78.0

82.0

86.0

90.0

94.0

98.0

100.0

104.0

108.0

112.0

116.0

120.0

124.0

128.0

132.0

136.0

140.0

144.0

148.0

152.0

156.0

160.0

164.0

168.0

172.0

176.0

180.0

184.0

188.0

192.0

196.0

200.0

204.0

208.0

212.0

216.0

220.0

224.0

228.0

232.0

236.0

240.0

244.0

248.0

252.0

256.0

260.0

264.0

268.0

272.0

276.0

280.0

284.0

288.0

292.0

296.0

300.0

304.0

308.0

312.0

316.0

320.0

324.0

328.0

332.0

336.0

340.0

344.0

348.0

352.0

356.0

360.0

364.0

368.0

372.0

376.0

380.0

384.0

388.0

392.0

396.0

400.0

404.0

408.0

412.0

416.0

420.0

424.0

428.0

432.0

436.0

440.0

444.0

448.0

452.0

456.0

460.0

464.0

468.0

472.0

476.0

480.0

484.0

488.0

492.0

496.0

500.0

504.0

508.0

512.0

516.0

520.0

524.0

528.0

532.0

536.0

540.0

544.0

548.0

552.0

556.0

560.0

564.0

568.0

572.0

576.0

580.0

584.0

588.0

592.0

596.0

600.0

604.0

608.0

612.0

616.0

620.0

624.0

628.0

632.0

636.0

640.0

644.0

648.0

652.0

656.0

660.0

664.0

668.0

672.0

676.0

680.0

684.0

688.0

692.0

696.0

700.0

704.0

708.0

712.0

716.0

720.0

724.0

728.0

732.0

736.0

740.0

744.0

748.0

752.0

756.0

760.0

764.0

768.0

772.0

776.0

780.0

784.0

788.0

792.0

796.0

800.0

804.0

808.0

812.0

816.0

820.0

824.0

828.0

832.0

836.0

840.0

844.0

848.0

852.0

856.0

860.0

864.0

868.0

872.0

876.0

880.0

884.0

888.0

892.0

896.0

900.0

904.0

908.0

912.0

916.0

920.0

924.0

928.0

932.0

936.0

940.0

944.0

948.0

952.0

956.0

960.0

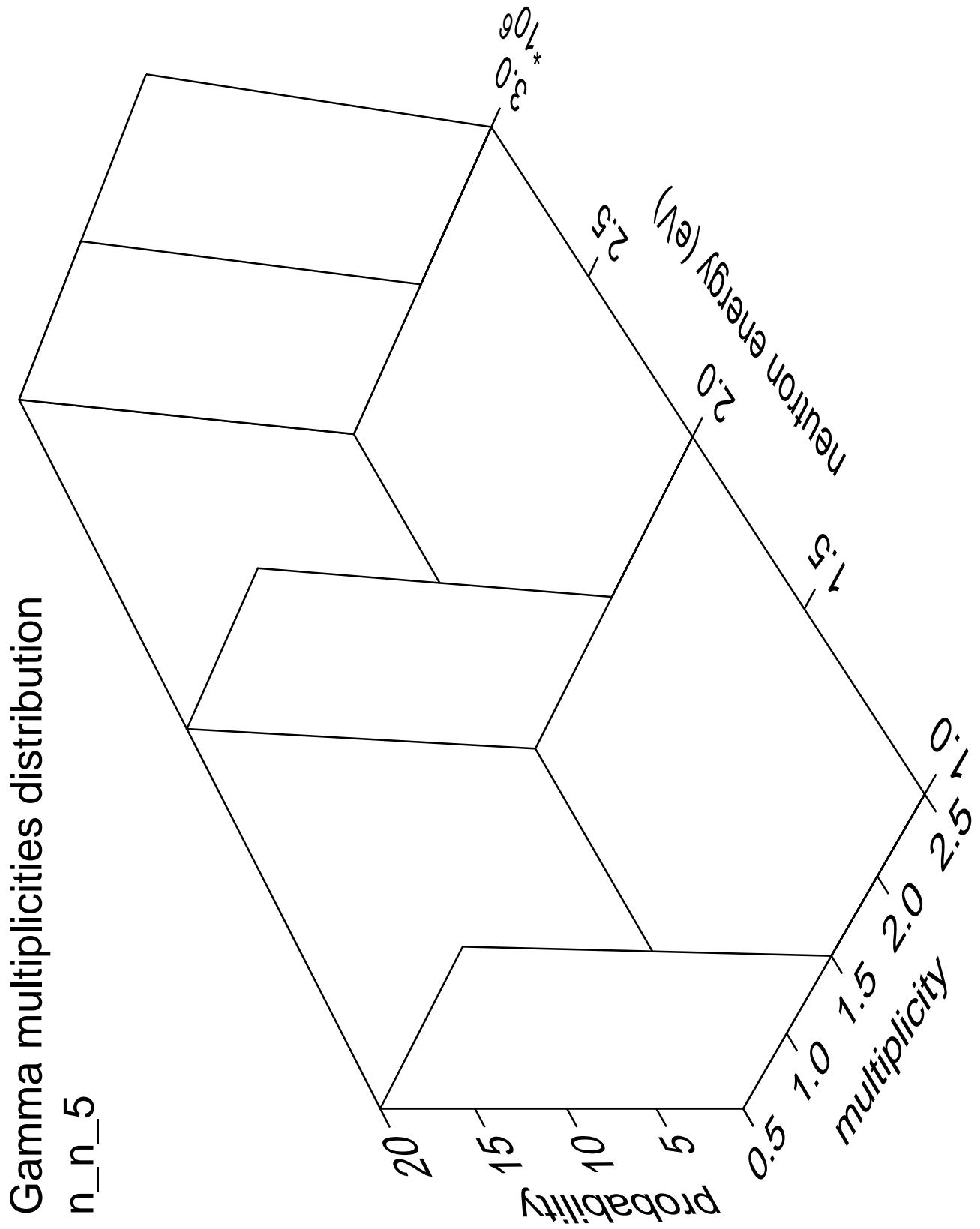
964.0

968.0

972.0

976.0

980.0



Gamma energy distribution

n_n_6

100

50

0

Probability

gamma energy (MeV)

0 5 10 15 20

$\times 10^6$

Neutron energy (eV)

Gamma angles distribution

n_n_6

Probability

10^0

cos(theta)

1.0

0.5

0.0

-0.5

-1.0

θ_{γ}

neutron energy (eV)

2.5

2.0

1.5

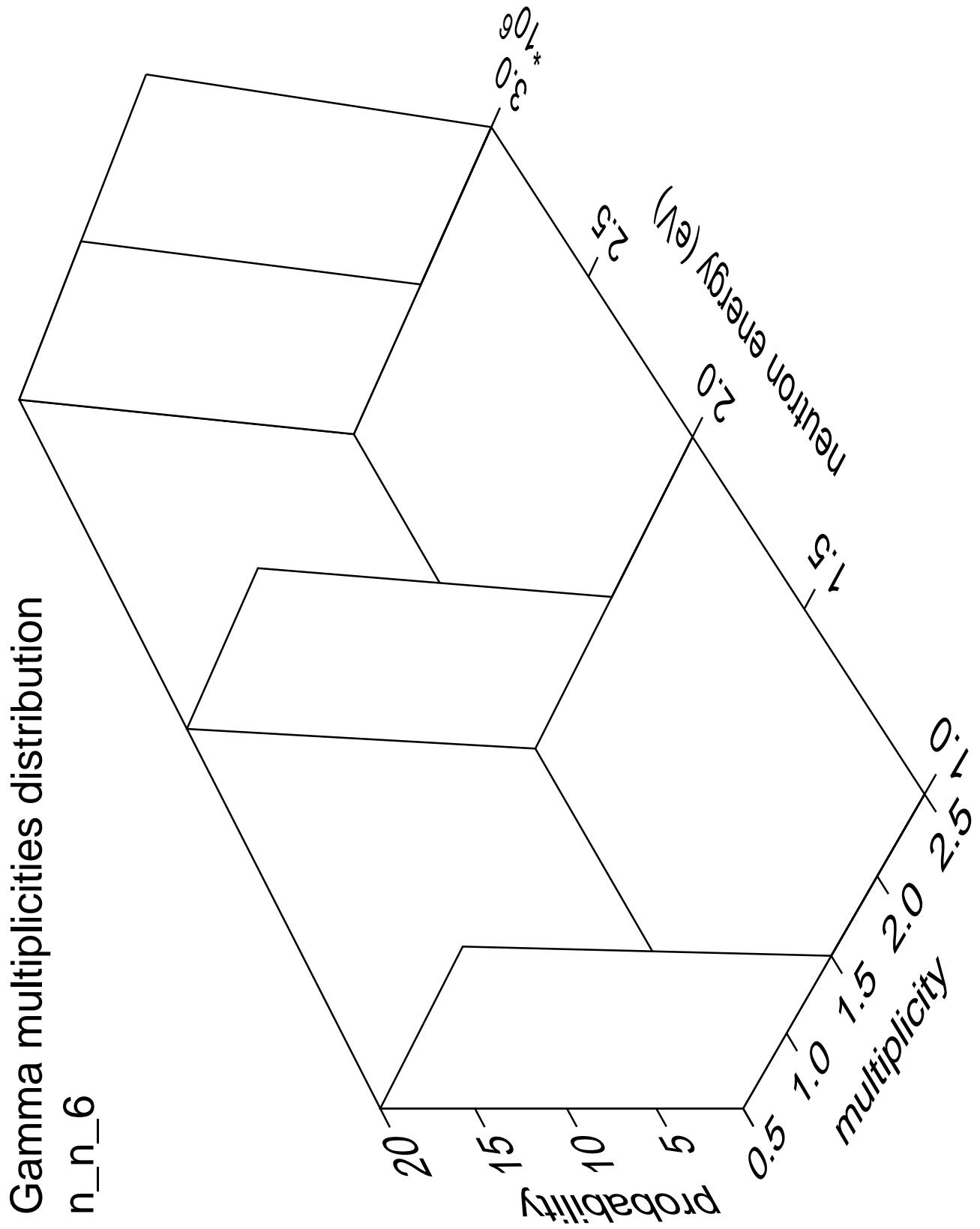
1.0

0.5

0.0

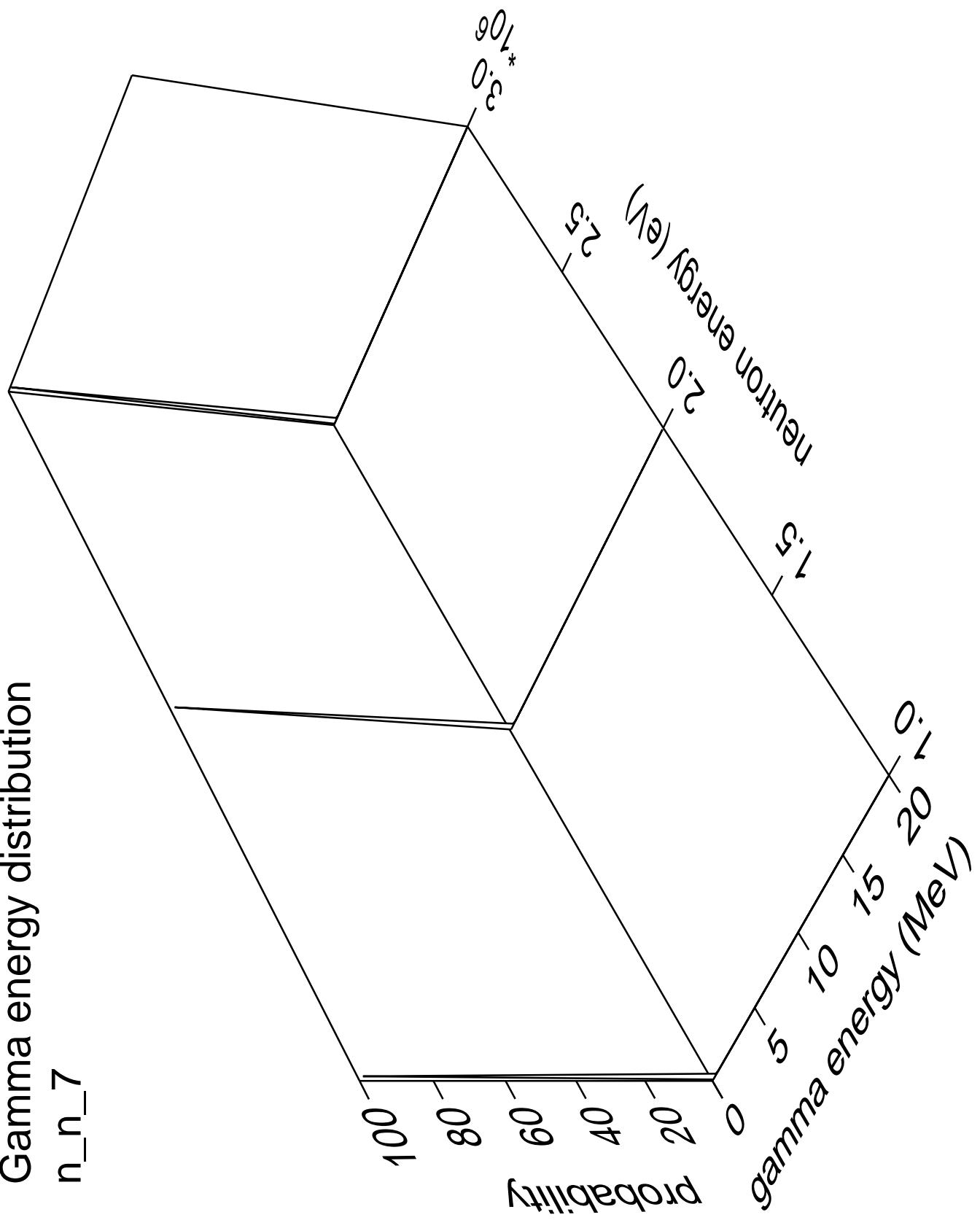
-0.5

-1.0



Gamma energy distribution

n_n_7



Gamma angles distribution

n_n_7

Probability

10^0

cos(theta)

1.0

0.5

0.0

-0.5

-1.0

10⁰

10⁻¹

10⁻²

10⁻³

10⁻⁴

10⁻⁵

10⁻⁶

10⁻⁷

10⁻⁸

neutron energy (eV)

10⁰

10⁻¹

10⁻²

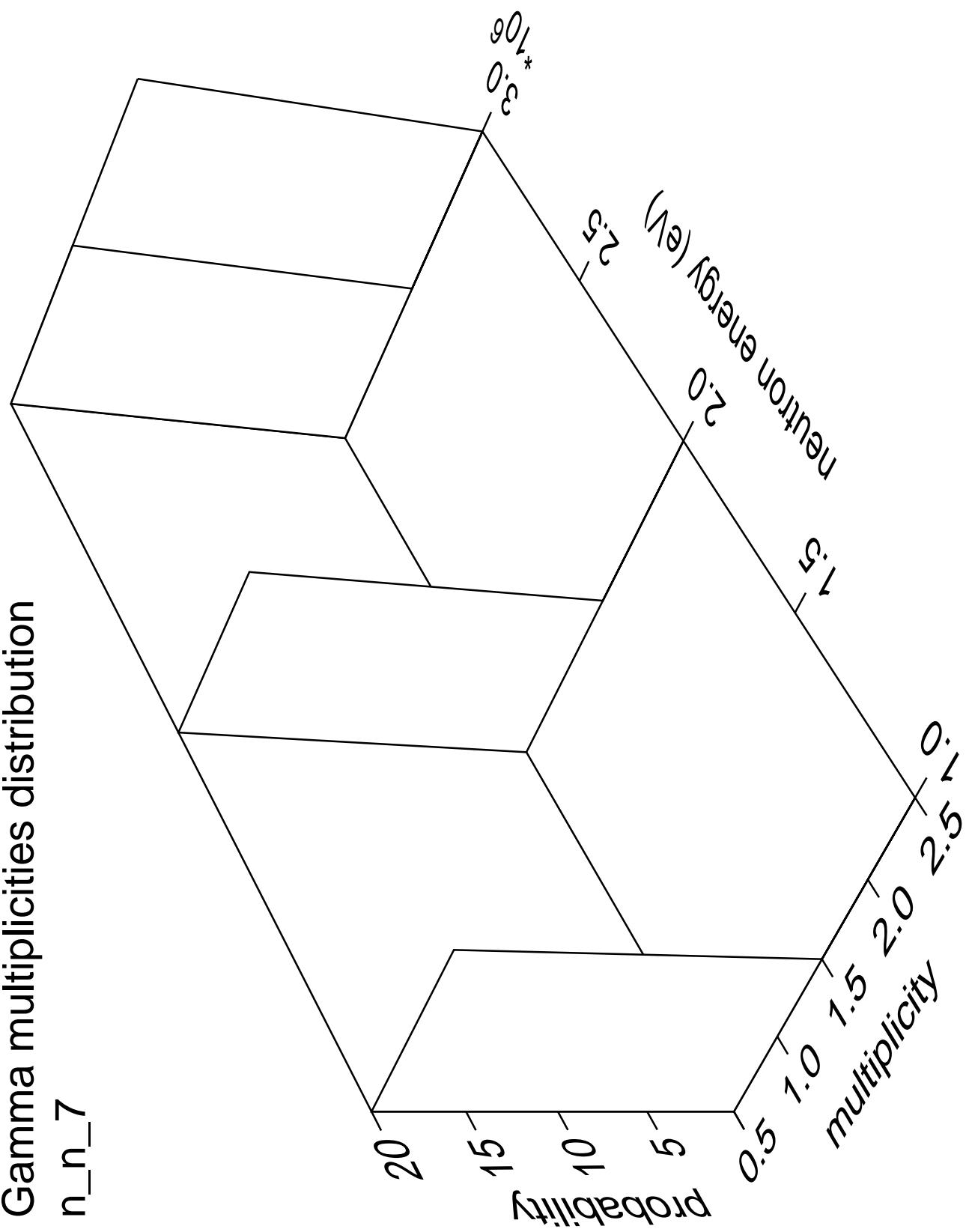
10⁻³

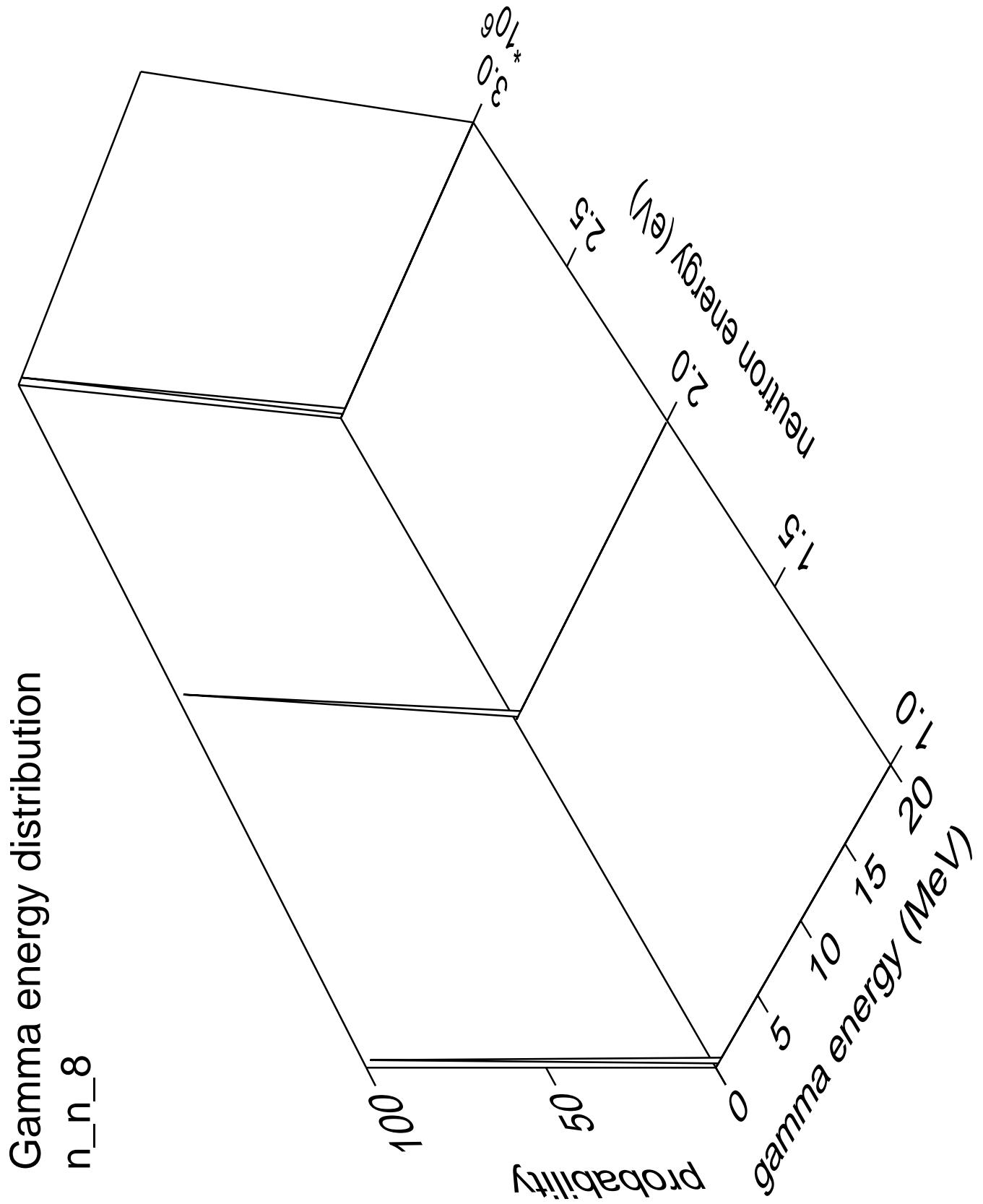
10⁻⁴

10⁻⁵

10⁻⁶

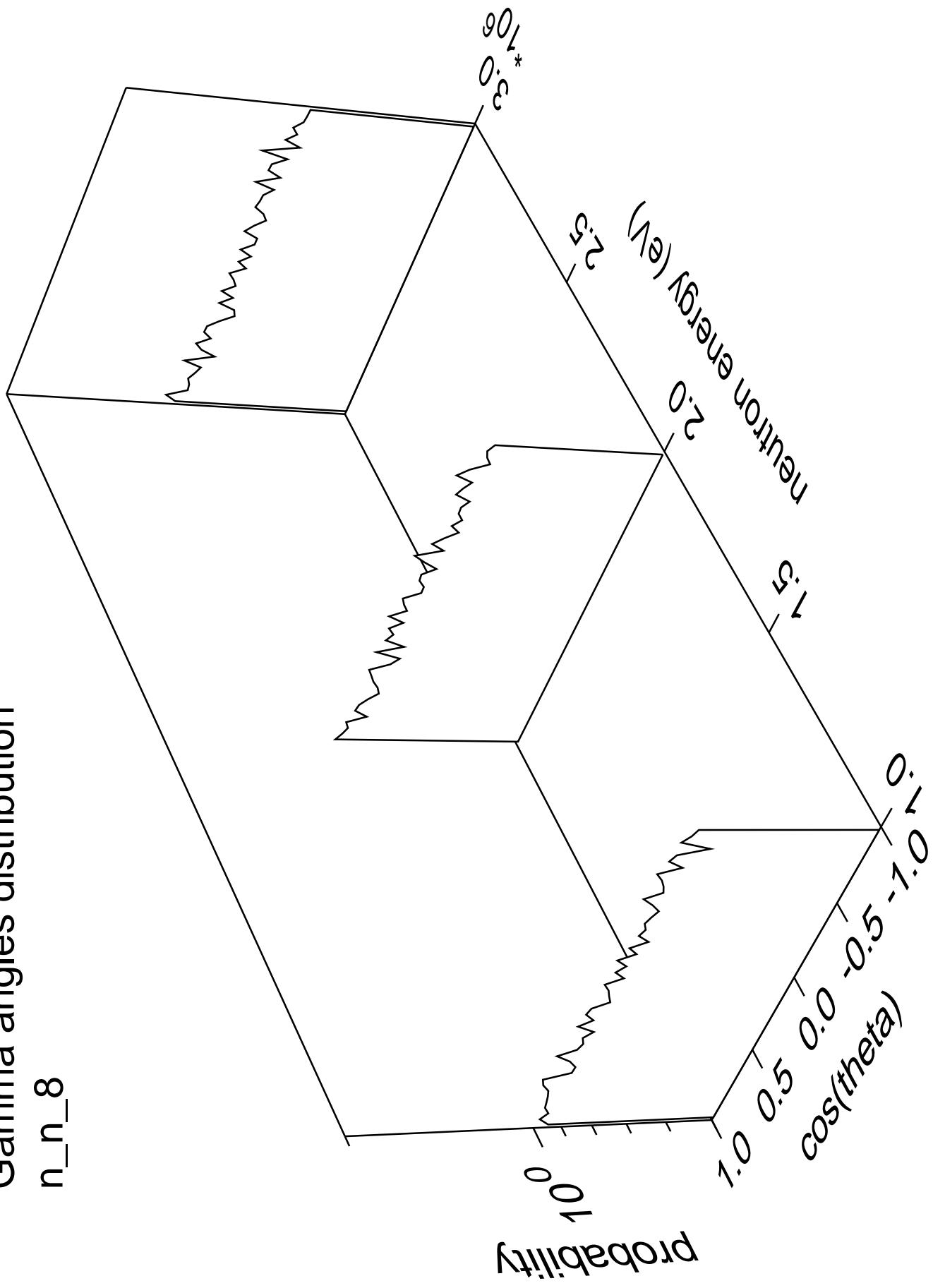
Gamma multiplicities distribution





Gamma angles distribution

n_n_8



Gamma multiplicities distribution

n_n_8

Probability

0.5 1.0 1.5 2.0 2.5 3.0

multiplicity

1.0
2.0
3.0

Neutron energy (eV)

10^6

10^5

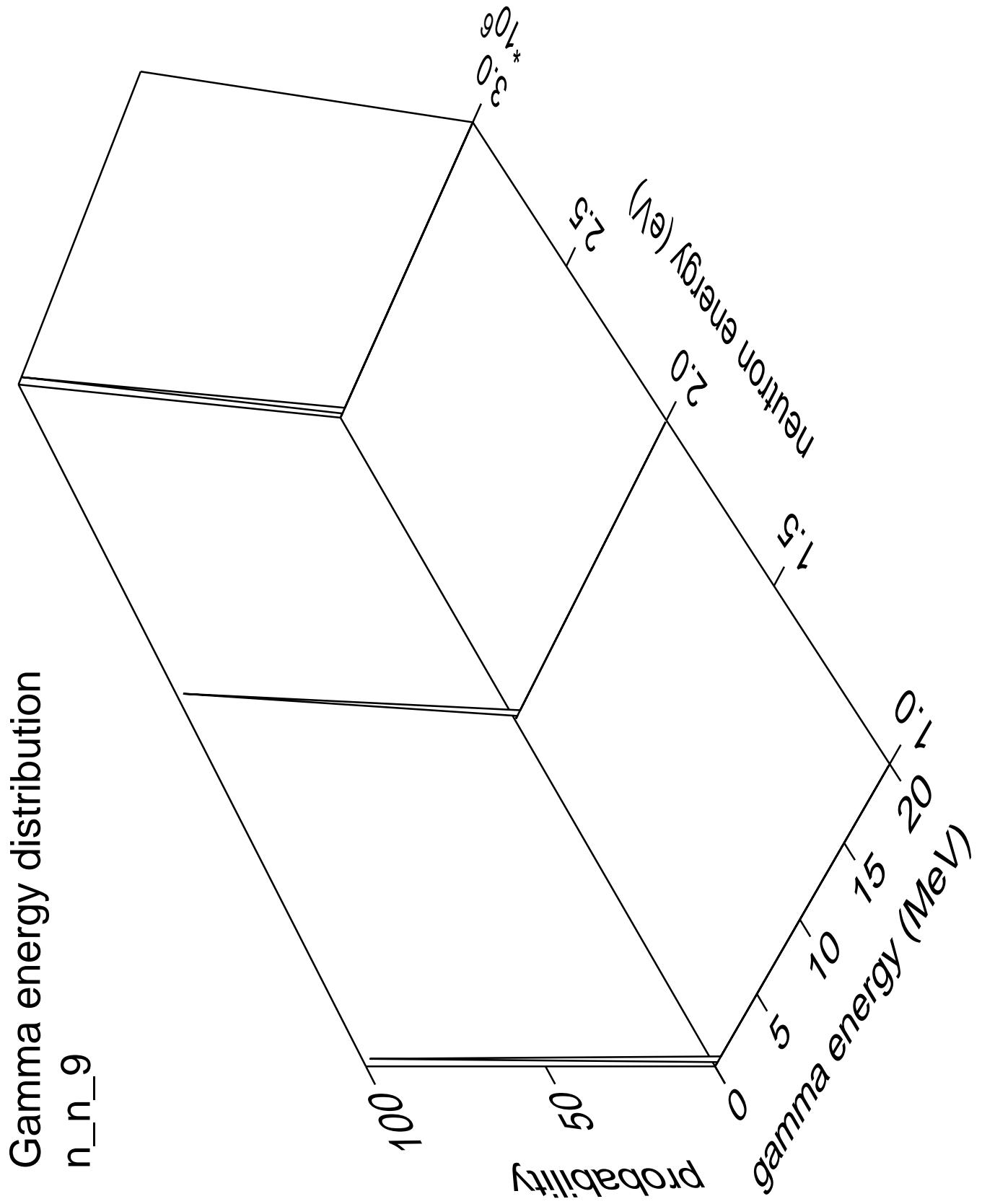
10^4

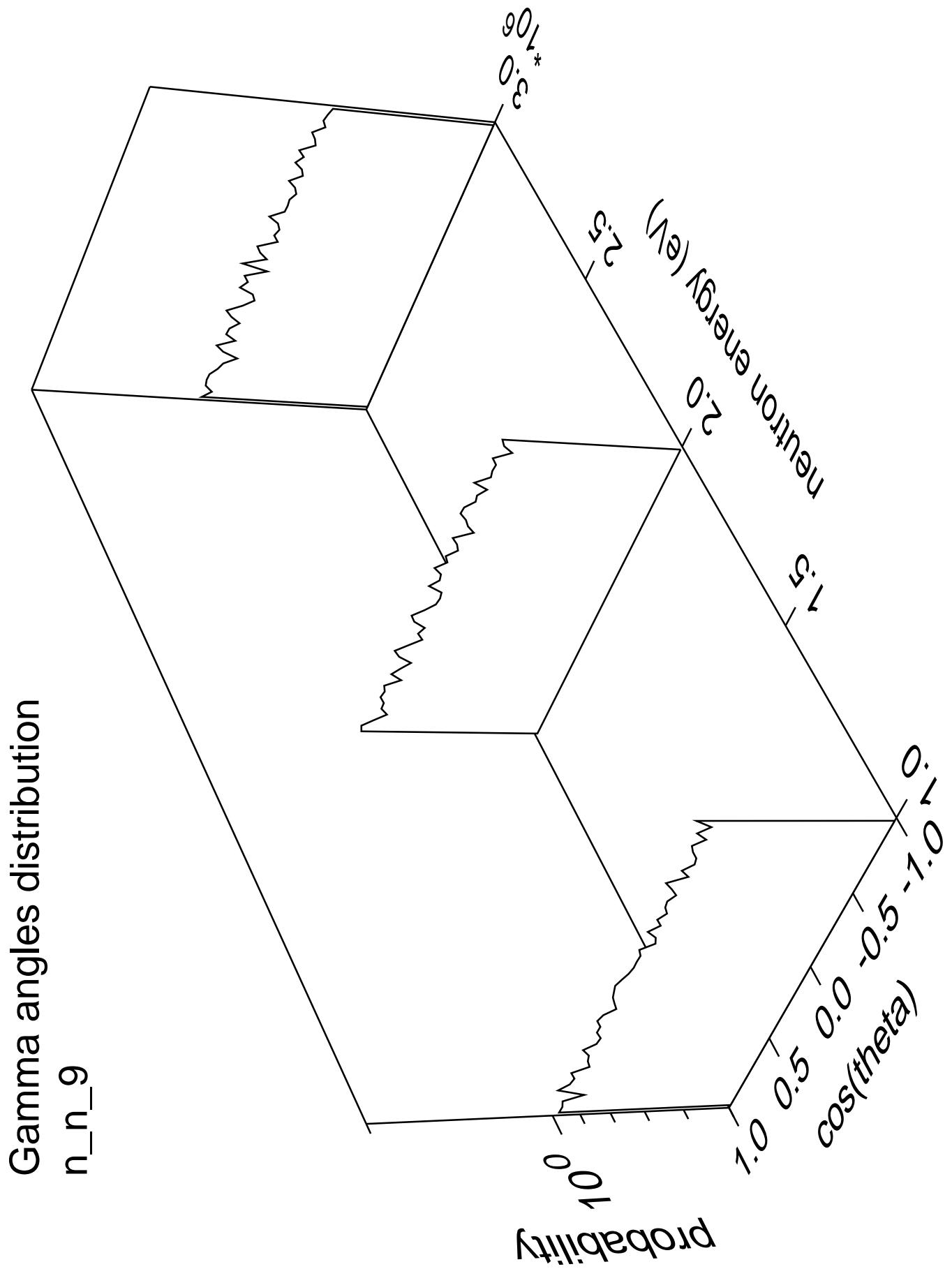
10^3

10^2

10^1

10^0





Gamma multiplicities distribution

n_n_9

Probability

multiplicity

2.5
2.0
1.5
1.0
0.5

Neutron energy (eV)
10⁶
2.0
1.0
0.5